

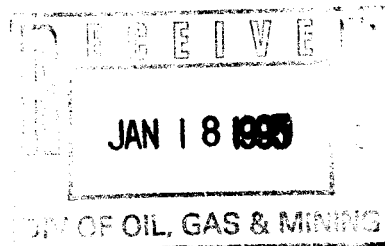
**Lomax Exploration Company**

P.O. Box 1446  
Roosevelt, Utah 84066  
(801) 722-5103  
FAX (801) 722-9149

*January 16, 1995*



*State of Utah  
Division of Oil, Gas & Mining  
ATTN: Mike Hebertson  
355 West North Temple  
Three Triad Center - Suite 350  
Salt Lake City, Utah 84180-1203*



*RE: Monument Butte Federal #6-34  
SE/NW Sec. 34, T8S, R16E  
Duchesne County, Utah*

*Dear Mr. Hebertson,*

*Please find enclosed a copy for the Application for Permit to drill on the  
above referenced well.*

*Please do not hesitate to call if there are any additional questions,  
(801) 722-5103.*

*Sincerely,*

A handwritten signature in cursive script, appearing to read "Brad Mecham".

*Brad Mecham  
Operations Manager*

*bm/cc  
Enclosures*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE

(Other instructions on  
reverse side)

Form approved  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK & MINING ☐

3. LEASE DESIGNATION AND SERIAL NO.

U-62848

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. AGREEMENT NAME

8. FARM OR LEASE NAME

Monument Butte Federal

9. WELL NO.

#6-34

10. FIELD AND POOL, OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Sec. 34, T8S, R16E

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

b. TYPE OF WELL

OIL  
WELL ☐

GAS  
WELL ☐

OTHER ☐

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

LOMAX EXPLORATION COMPANY

3. ADDRESS OF OPERATOR

P.O. BOX 1446 ROOSEVELT, UT 84066 (801) 722-5103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface

SE/NW 1980' FNL 1980' FWL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

11.0 Miles Southwest of Myton, Utah

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

660'

18. NO. OF ACRES IN LEASE

360

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

16. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1320'

19. PROPOSED DEPTH

6000'

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START\*

1st Quarter 1995

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5632.4' GR

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	300'	216 Sx Class G w/ 2% CaCl
7 7/8	5 1/2	15.5#	TD	616 sx Hilift Followed by 529 sx Class G w/ 2% CaCl <sub>2</sub>

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Brad Mecham

TITLE Operations Manager

DATE

1/4/95

(This space for Federal or State office use)

PERMIT NO.

43-013-31504

APPROVAL DATE

DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

\*See Instructions On Reverse Side

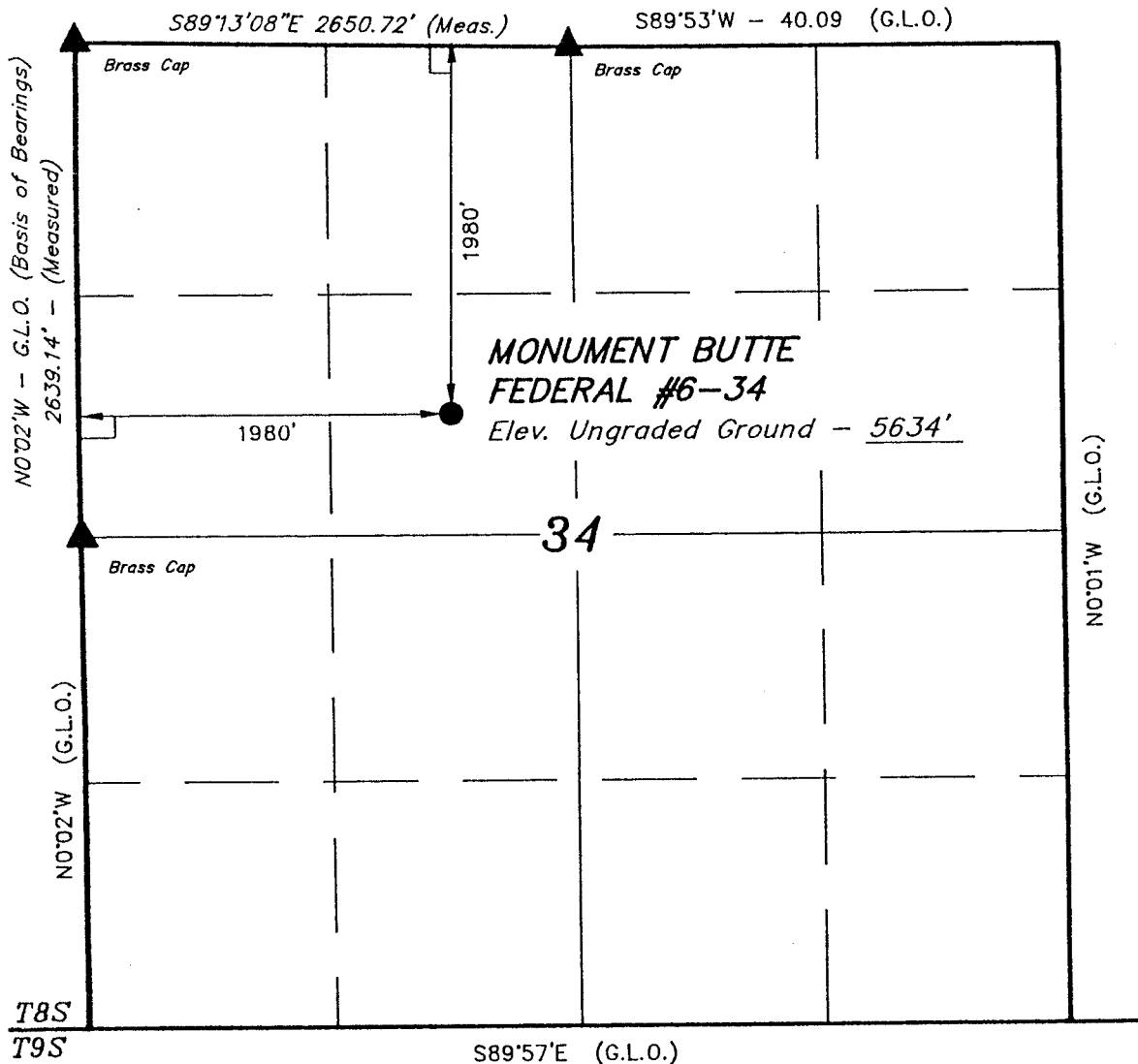
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within the jurisdiction of such department or agency.

DATE 1-2-95

BY: [Signature]

WELL SPACING 649-3-2

**T8S, R16E, S.L.B.&M.**



**LEGEND:**

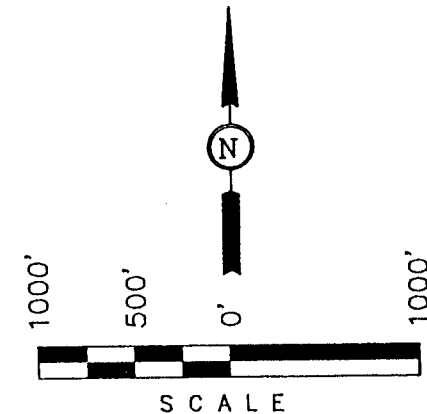
- └─ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

**LOMAX EXPLR. CO**

Well location, MONUMENT BUTTE FEDERAL #6-34, located as shown in the SE 1/4 NW 1/4 of Section 34, T8S, R16E, Duchesne County, Utah.

**BASIS OF ELEVATION**

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 35, T8S, R16E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5424 FEET.



**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert L. Kay*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 181319  
 STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 11-7-94	DATE DRAWN: 11-11-94
PARTY B.B. G.S. D.J.S.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE LOMAX EXPLR. CO	

***MONUMENT BUTTE FEDERAL #6-34  
SE/NW SECTION 34, T8S, R16E  
DUCHESNE COUNTY, UTAH  
LEASE #U-62848***

**HAZARDOUS MATERIAL DECLARATION**

LOMAX EXPLORATION COMPANY guarantees that during the drilling & completion of the above referenced well, we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986.

LOMAX EXPLORATION COMPANY guarantees that during the drilling and completion of the above referenced well, we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.



JOHNSON WATER DISTRICT  
R.R. 3 BOX 3188  
ROOSEVELT, UT 84066  
TELEPHONE (801) 722-2620

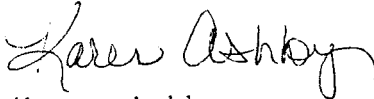
January 5, 1995

TO WHOM IT MAY CONCERN:

Lomax Exploration Company has purchased a 3 inch water connection with Johnson Water District to supply Monument Butte oilfield.

Johnson Water District has given permission to Lomax Exploration Company to use water from our system for the purpose of drilling and completing the Monument Butte Federal 6-34.

Sincerely,

A handwritten signature in cursive script, appearing to read "Karen Ashby".

Karen Ashby,  
Secretary

**LOMAX EXPLORATION COMPANY  
MONUMENT BUTTE FEDERAL #6-34  
SE/NW SECTION 34, T8S, R16E  
DUCHESNE COUNTY, UTAH**

**TEN POINT WELL PROGRAM**

**1. GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

**2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' - 3030'
Green River	3030'
Wasatch	6070'

**3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 5000' - Oil

**4. PROPOSED CASING PROGRAM**

8 5/8", J-55, 24# w/ ST&C collars; set at 300' (New)  
5 1/2", J-55, 15.5# w/ LT&C collars; set at TD (New)

**5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operators minimum specifications for pressure control equipment are as follows:

A 8" Series 900 Hydril Bag type BOP and a 8" Double Ram Hydraulic unit with a closing unit will be utilized. Pressure test of BOPS's will be checked daily.

(See Exhibit F)

**6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

It is proposed that the hole be drilled with fresh water to the "J" zone and with mud thereafter. The mud system will be a water based gel-chemical, weighted to 10.0 ppg as necessary for gas control.

**7. AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. TESTING, LOGGING AND CORING PROGRAMS:

No drill stem testing has been scheduled for this well. It is anticipated at this time that the logging will consist of a Dual Induction Laterolog, Compensated Neutron-Formation Density Log, Formation Microscan and NMR Logs. Rotary diamond sidewall cores may be taken in prospective reservoirs. Logs will run from TD to 3500'. The cement log will be run from PBD to cement top.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H<sub>2</sub>S will be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that the drilling operations will commence the first quarter of 1995, and take approximately nine days to drill.

**LOMAX EXPLORATION COMPANY  
MONUMENT BUTTE FEDERAL #6-34  
SE/NW SECTION 34, T8S, R16E  
DUCHESNE COUNTY, UTAH**

**THIRTEEN POINT WELL PROGRAM**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Lomax Exploration Company well location site Monument Butte Federal #6-34 located in the SE 1/4 NW 1/4 Section 34, T8S, R16E, S.L.B. & M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles  $\pm$  to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 - 1.9 miles to its junction with Utah State Highway 216; proceed southerly along State Highway 216 - 4.4 miles to its junction with an existing dirt road to the southwest; proceed southwesterly along this road 3.3 miles to its junction with the beginning of the proposed access road to be discussed in Item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County Crews.

The aforementioned dirt oilfield service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads required for access during the drilling, completion and production phase will be maintained at the standards required by the BLM or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

**2. PLANNED ACCESS ROAD**

See Topographic Map "B".

The planned access road leaves the existing location described in Item #1 in the SE1/4 NW 1/4 Section 34, T8S, R16E, S.L.B. & M., and proceeds in a westerly direction approximately 400' to the proposed location site.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

**3. LOCATION OF EXISTING WELLS**

There are two (2) producing , one (1) injection, Lomax Exploration wells, two (2) producing PG & E wells, within a one-mile radius of this location site. (See Topographic Map D").

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery the well pad will be surrounded by a dike of sufficient capacity to contain at minimum the entire contents of the largest tank within the facility battery.

Tank batteries will be placed on a per Sundry Notice if the well is completed as a producer.

All permanent (on site for six (6) months or longer) structures constructed or installed (including pumping units) will be painted Desert Tan. All facilities will be painted within six months of installation.

**5. LOCATION AND TYPE OF WATER SUPPLY**

At the present time, it is anticipated that the water for this well will be transported through a temporary surface pipeline from our pre-approved Lomax Exploration Company fresh water supply line located at the Monument Butte Federal #5-35 (SW/NW Sec. 35, T8S, R16E) location as indicated on Topographic Map - Exhibit "C".

In the event this water source is not used an alternate source will be used and all the necessary arrangements will be made with the proper authorities.

There will be no water well drilled at this site.

**6. SOURCE OF CONSTRUCTION MATERIALS**

See Location Layout Sheet - Exhibit "E".

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road. (Pit lining material is referred to in Item #7.)

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

See Location Layout Sheet - Exhibit "E".

A reserve pit will be constructed and lined with a plastic nylon reinforced line so as not to leak, break, or allow discharge. It will be a minimum of 12 mil thickness with sufficient bedding (either straw or dirt) to cover any rocks. The line will overlap the pit wall and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed on in the pit.

After first production, produced water will be confined to a pit or storage tank for a period not to exceed one hundred twenty (120) days. During the one hundred twenty (120) day period, in accordance with the NTL-2B, an application for approval of permanent disposal method and location, along with required water analysis, shall be submitted for the Authorized Officers approval.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

8. **ANCILLARY FACILITIES**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SIT LAYOUT**

See attached Location Layout Sheet - Exhibit "E".

The reserve pit will be located on the east between stakes 4 & 5.

There will be no flare pit on this well.

The stockpiled topsoil (first six (6) inches) will be stored on the south side near stake 7.

Access to the well pad will be from the north side near stakes 2 & 3.

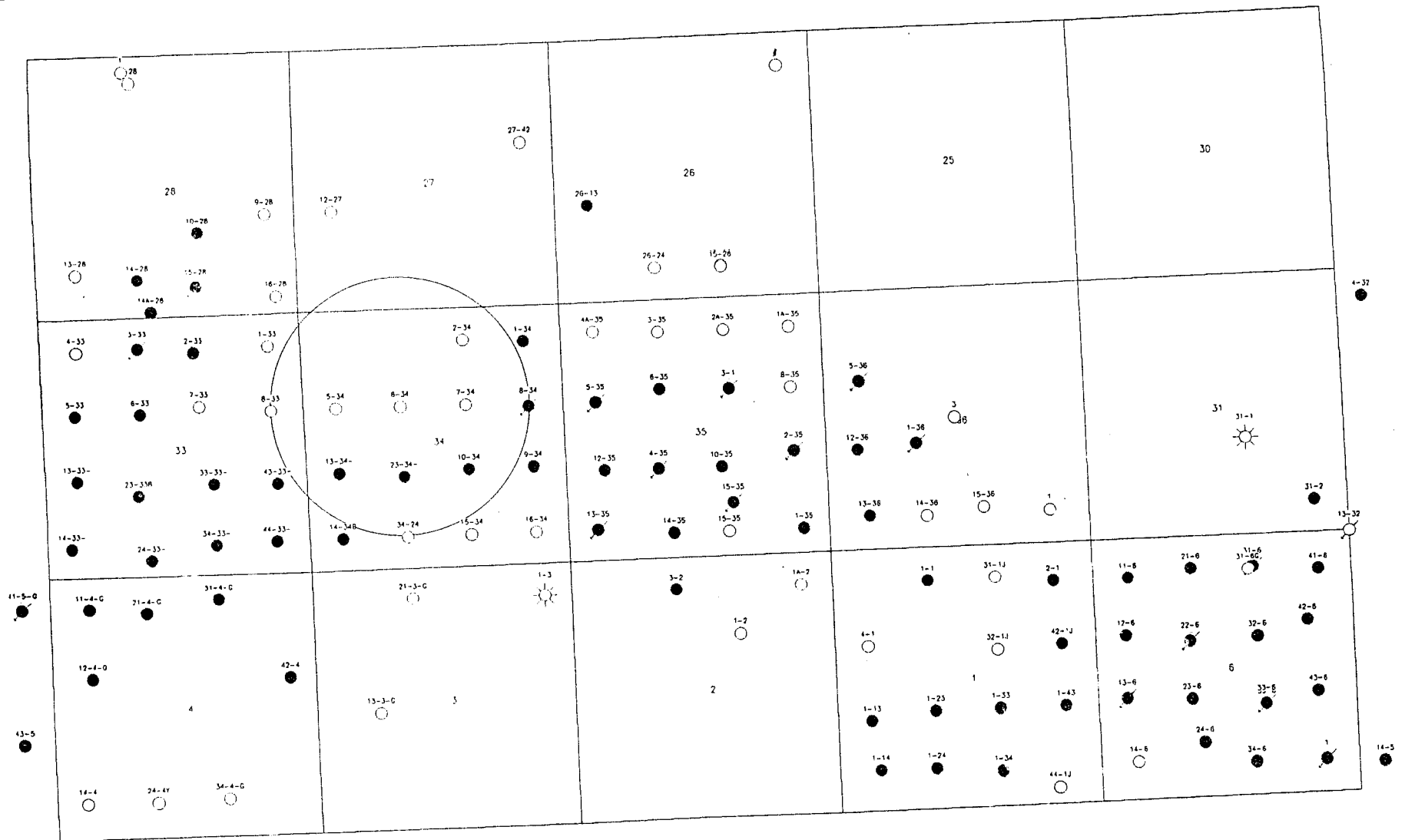
Corners 2 & 8 will be rounded to avoid the drainage.

**Fencing Requirements**

All pits will be fenced according to the following minimum standards:

- a) 39 inch net wire shall be used with at least one strand of barbed wire on top of the net.

# EXHIBIT "D"



Inland Resources Inc.		
Monument Butte Field Monument Butte Federal #6-34 Duchesne County, Utah		
Sheet No.	Scale 1/2" = 100'	1/1/95

- b) The net wire shall be not more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be cemented and/or braced in such a manner to keep tight at all times.
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. PLANS FOR RESTORATION OF SURFACE

a) *Producing Location*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before back filling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be re contoured to the approximated natural contours. The reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons, all cans, barrels, pipe, etc., removed.

When the drilling and completion phase ends, reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. The seed mixture will be per B.L.M. and stated in the conditions of approval.

b) *Dry Hole Abandoned Location*

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the B.L.M. will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP - Bureau Of Land Management



13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Brad Mecham  
Address: P.O. Box 1446 Roosevelt, Utah 84066  
Telephone: (801) 722-5103

Certification

Please be advised that LOMAX EXPLORATION COMPANY is considered to be the operator of Well #6-34 SE/NW Section 34, Township 8S, Range 16E; Lease #U-62848 ; Duchesne County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Lomax Exploration Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

1-9-94  
Date

Brad Mecham  
Brad Mecham  
Operations Manager

POWER LINE

JOHNSON WATER LINE

11 2 W

WATER SOURCE

LOMAX



MON BUTTE WATER SUPPLY LINE

DUCHESE CO. UTAH

EXHIBIT C

Date: 1/82

By: D. MCHAM

MON BUTTE WATER SUPPLY LINE

MONUMENT

TRAVIS SUPPLY LINE  
INJECTION STATION

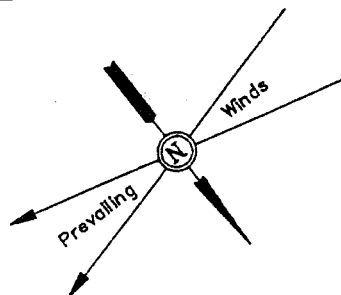
PUMP BLUG

11 16 E

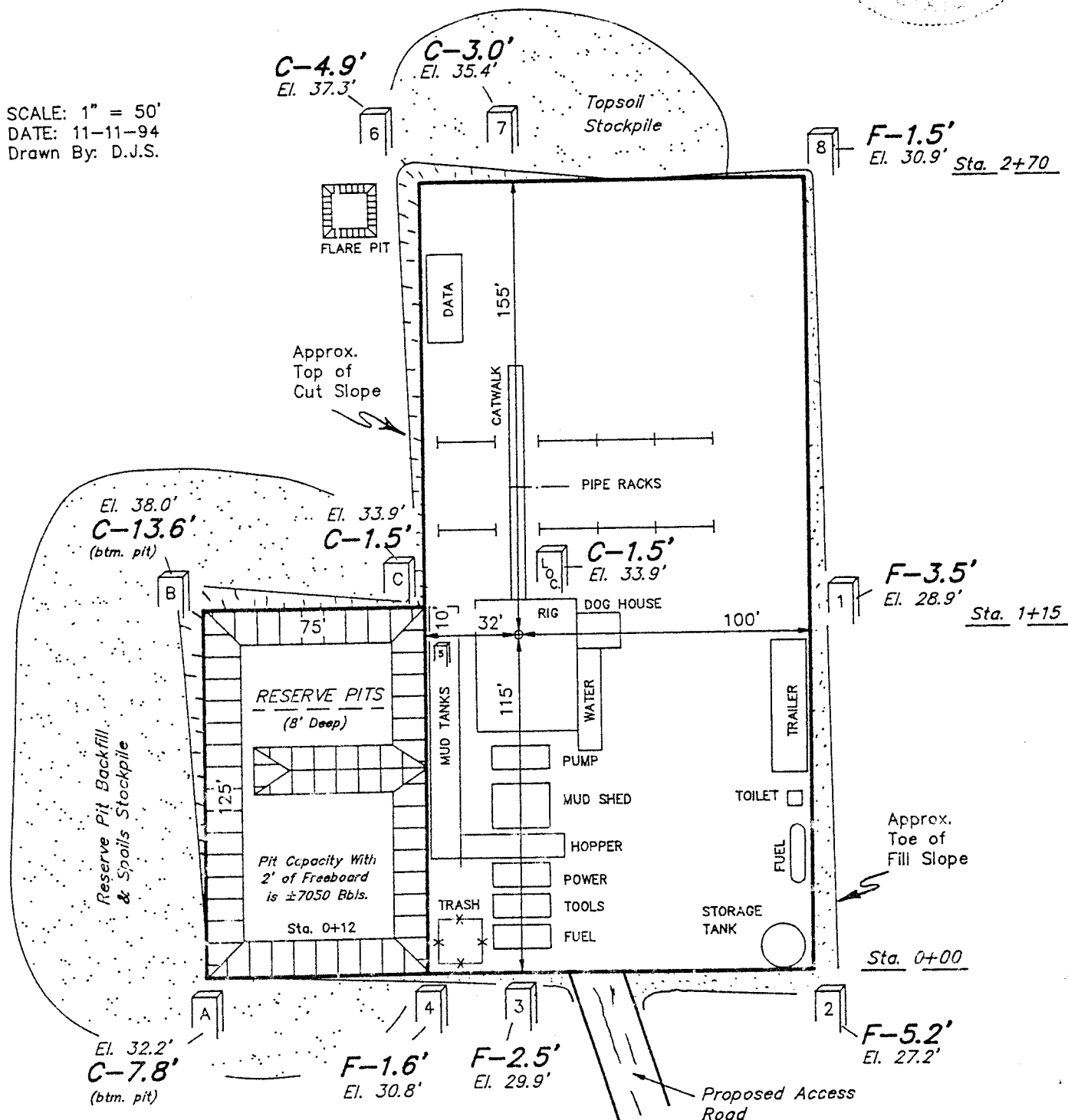
## LOMAX EXPLORATION CO.

## LOCATION LAYOUT FOR

MONUMENT BUTTE FEDERAL #6-34  
SECTION 34, T8S, R16E, S.L.B.&M.  
1980' FNL 1980' FWL



SCALE: 1" = 50'  
DATE: 11-11-94  
Drawn By: D.J.S.



Elev. Ungraded Ground at Location Stake = 5633.9'

Elev. Graded Ground at Location Stake = 5632.4'

UINTAH ENGINEERING & LAND SURVEYING  
86 So. 200 East \* Vernal, Utah 84078 \* (801) 789-1017

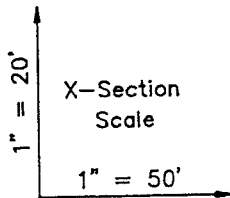
## LOMAX EXPLORATION CO.

## TYPICAL CROSS SECTIONS FOR

MONUMENT BUTTE FEDERAL #6-34

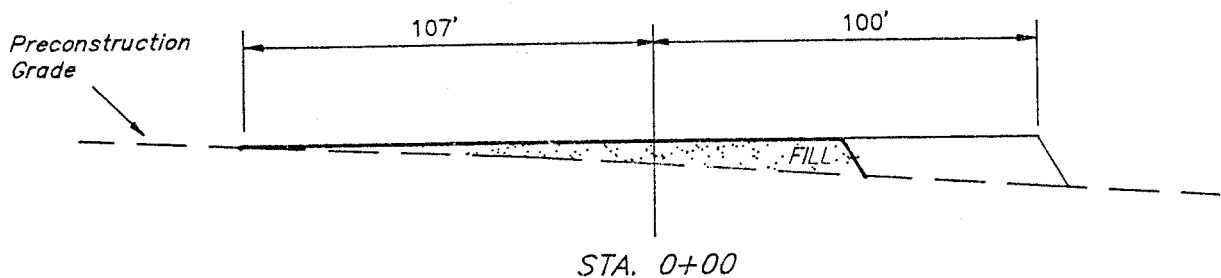
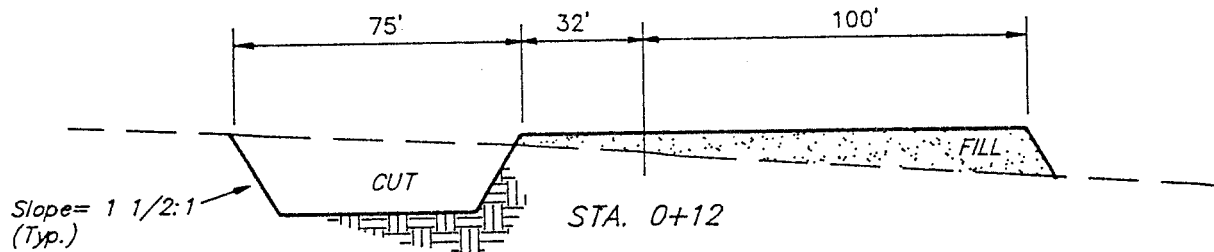
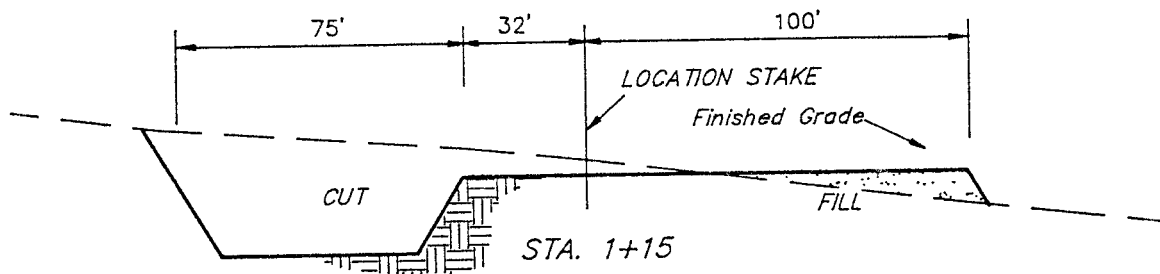
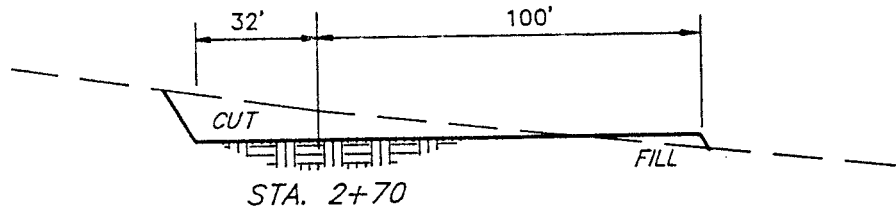
SECTION 34, T8S, R16E, S.L.B.&amp;M.

1980' FNL 1980' FWL



DATE: 11-11-94

Drawn By: D.J.S.



## APPROXIMATE YARDAGES

(6") Topsoil Stripping = 840 Cu. Yds.  
Remaining Location = 3,280 Cu. Yds.

TOTAL CUT = 4,120 CU.YDS.

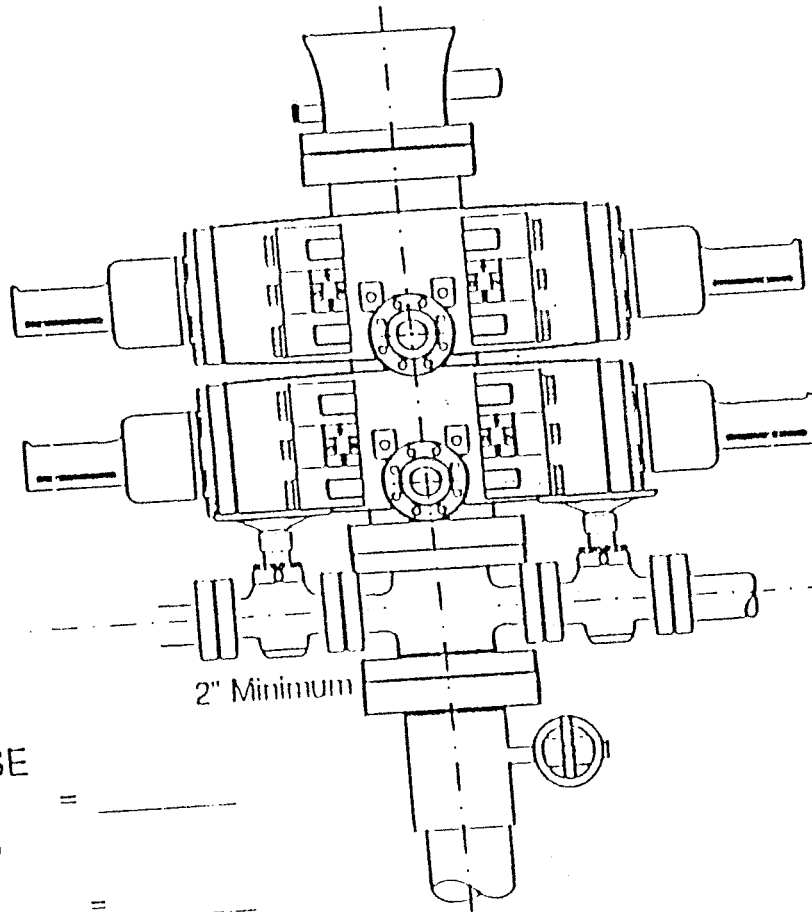
FILL = 2,110 CU.YDS.

EXCESS MATERIAL AFTER  
5% COMPACTION = 1,900 Cu. Yds.Topsoil & Pit Backfill  
(1/2 Pit Vol.) = 1,900 Cu. Yds.EXCESS UNBALANCE  
(After Rehabilitation) = 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 788-1317

## 2-M SYSTEM

PE U.O.P.



2" Minimum

AL TO CLOSE  
 annular BOP  
 ramtype BOP  
 Rams x

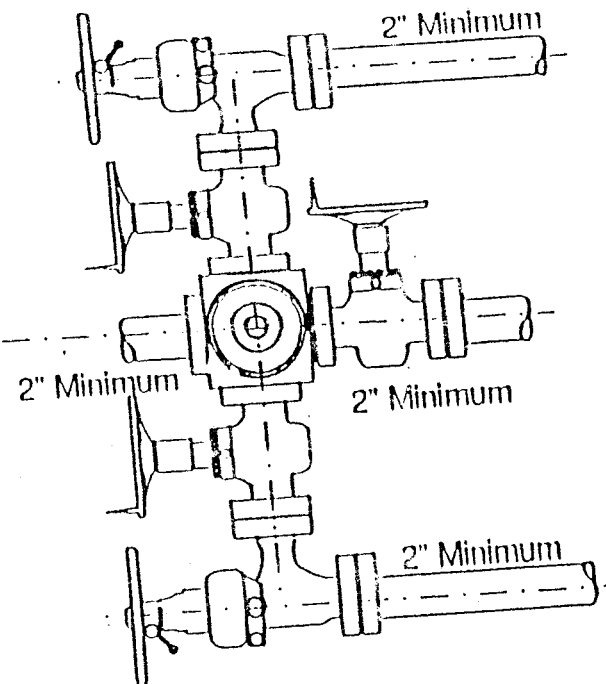
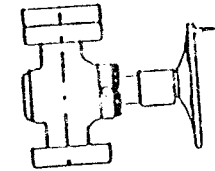
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=

= Gal.

x 2 = Total Gal.

Rounding off to the next higher  
 increment of 10 gal. would require  
 Gal. (total fluid & nitro volume)



2" Minimum

2" Minimum

2" Minimum

2" Minimum

A CULTURAL RESOURCES SURVEY OF FIVE  
WELL LOCALITIES FOR LOMAX EXPLORATION COMPANY  
IN DUCHESNE AND UTAH COUNTIES, UTAH

by

Sheri L. Murray  
Archaeologist

Prepared for:

Lomax Exploration Company  
P.O. Box 1446  
Roosevelt, Utah 84066

Prepared by:

Sagebrush Archaeological Consultants, L.L.C.  
3670 Quincy Avenue, Suite 203  
Ogden, Utah 84403

Under Authority of Cultural Resources Use Permit No. 94-UT-54630

and

Utah State Antiquities Permit No. U-94-SJ-714b

Archaeological Report No. 713

November 10, 1994

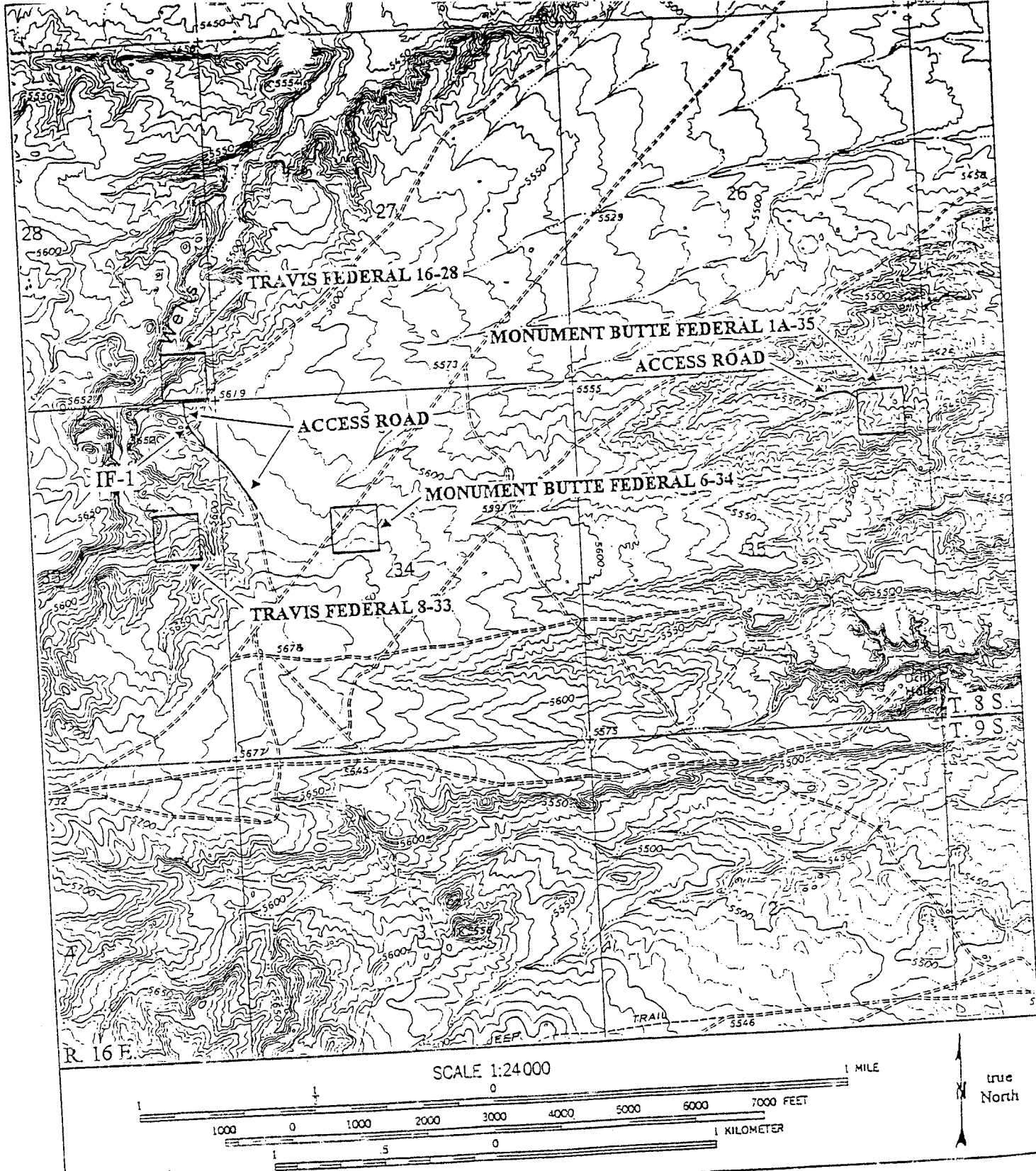


Figure 1. Location of areas surveyed for Lomax wells Travis Federal 16-28, Travis Federal 8-33, Monument Butte Federal 1A-35, and Monument Butte Federal 6-34. Also show is Isolated Find (IF-1). Taken from USGS 7.5' Quadrangle Myton SE, Utah (1964).

**Site 42Dc389.** This site, located on a bench on the east side of Wells Draw, is a historic sheep camp consisting of tin cans, a crockery jar, and many fragments of purple glass. Also noted were wood, bone, and coal fragments. This site was recommended NOT ELIGIBLE to the NRHP.

**Site 42Dc426.** This site, located on the north side of a low butte northwest of Castle Peak Draw, contains both a historic and a prehistoric component. The site consists of a prehistoric lithic scatter with groundstone fragments and various lithic tools including bifaces, cores, choppers, and manos. In addition to the prehistoric component, a light scatter of historic tin cans and one historic petroglyph were noted at the site. This site was recommended ELIGIBLE to the National Register.

**Site 42Dc503.** This site, located below a sandstone outcrop east of Wells Draw, is a large lithic scatter with many roughly worked bifaces as well as several lithic cores and flakes. This site was recommended ELIGIBLE to the NRHP.

**Site 42Dc504.** This site, located in the cut of a dirt road east of Wells Draw, is a lithic quarry with cores and flakes. This site was recommended NOT ELIGIBLE to the NRHP.

**Site 42Dc505.** This site, located in the cut of a dirt road east of Wells Draw, is a sparse lithic scatter consisting of four to five worked pieces of chalcedony and one secondary flake of the same material. This site was recommended NOT ELIGIBLE to the National Register.

**Site 42Dc535.** This site, located on a bench south of Wells Draw, consists of a relatively sparse lithic scatter associated with a lithic source area. Tested cobbles and fragments of shattered lithic material are dispersed over a broad area. The site was recommended ELIGIBLE to the NRHP.

**Site 42Dc537.** This site, located on a flat terrace in the bottom of Wells Draw, consists of a sparse lithic scatter with shattered core fragments and primary flakes in association with a rock alignment. This site was recommended ELIGIBLE to the National Register.

**Site 42Dc538.** This site, located along a sandstone outcrop on the eastern slope of Wells Draw, is a sparse lithic scatter consisting of core shatter fragments and primary flakes of a local variety of siltstone. One hammerstone and one biface blank were found at the site. The site was recommended ELIGIBLE to the NRHP.

**Site 42Dc584.** This site, located on a terrace on the north crest of Wells Draw, is a lithic scatter/biface blank preparation locus. No tools were located at the site. The site was recommended NOT ELIGIBLE to the NRHP.

**Site 42Dc585.** This site, located on a terrace on the northern crest of Wells Draw, is a core reduction and biface preparation locus. A variety of cores, core fragments, primary flakes, utilized flakes, and biface blades were located at the site. In addition to these artifacts, fifty bifaces and one hammerstone were noted. This site was recommended ELIGIBLE to the NRHP.

**Site 42Dc586.** This site, located on a south facing slope above Wells Draw, is a lithic scatter consisting of primary and secondary flakes. No tools were located at the site. This site was recommended NOT ELIGIBLE to the NRHP.



**Site 42Dc587.** This site, located on a terrace on the northern crest of Wells Draw, is a lithic source area and an isolated historic artifact. Tested cores, core fragments, and the remains of one clear medicine bottle were located at the site. The site was recommended NOT ELIGIBLE to the NRHP.

**Site 42Dc596.** This site, located on a gentle slope near Wells Draw, is a lithic tool scatter consisting of chert tool blanks, one scraper, two bifacially flaked cobbles, one biface blade, and one primary flake. The site was recommended ELIGIBLE to the NRHP.

**Site 42Dc789.** This site, located on a small knoll near Wells Draw, is a historic encampment with a prehistoric component. The prehistoric component consists of a dispersed lithic scatter with two biface fragments and two tertiary flakes. The historic component includes a diffuse scatter of historic trash associated with three rectangular rock alignments which may represent fire hearths. The site was recommended NOT ELIGIBLE to the NRHP.

**Site 42Dc795.** This site, located on a low, elongated silt mound, is a low-density lithic debitage scatter containing three tools (one uniface, one reworked bifacial drill, and one biface) and numerous lithic flakes. The site was recommended NOT ELIGIBLE to the NRHP.

**Site 42Dc796.** This site, located on a low north-south trending silt mound near Wells Draw, is a prehistoric campsite consisting of five bifaces, one large corner-notched projectile point, and roughly 25 lithic flakes. This site was recommended ELIGIBLE to the National Register.

**Site 42Un1881.** This site, located on a low dune near Pleasant Valley, is a campsite/lithic reduction site containing a variety of lithic materials, bifacially worked cobbles, scrapers, and bifaces. The site was recommended ELIGIBLE to the NRHP.

### Paleontological Localities

As noted, 11 paleontological localities are located within the vicinity of the current project area. Most of these localities were recorded by paleontologist Alden Hamblin during Sagebrush's 1993 inventory of a block area near Wells Draw (Weymouth 1994). Following is a brief description of each of the localities in and near the current project area.

**Locality 42Dc159I.** This site, located in a series of limestone beds in the bottom of Wells Draw, consists of a limited number of invertebrate gastropods. The locality was evaluated as important.

**Locality 42Dc160P.** This site, located in a small side drainage running east into Wells Draw, consists of plant stem impressions in thin bedded sandstone. The locality was evaluated as important.

**Locality 42Dc161V.** This site, located on the north side of Wells Draw, consists of several turtle shell fragments. The locality was evaluated as important.

**Locality 42Dc162P.** This site, located on the south side of Wells Draw, consists of carbonized wood chunks and plant stem impressions. The locality was evaluated as important.

**Locality 42Dc163r.** This site, located on both sides of a small tributary drainage to Castle Peak Draw, consists of a few plant impressions in rusty-yellow sandstone. The locality was evaluated as important.

**Locality 42Dc164VP.** This site, located on a small flat ridge along a tributary drainage to Castle Peak Draw, consists of both plant fossils as well as turtle shell fragments. The locality was evaluated as important.

**Locality 42Dc165VP.** This site, located on the north side of a small ridge in a tributary drainage to Castle Peak Draw, consists of several turtle shell fragments and a few plant stem impressions. The locality was evaluated as important.

**Locality 42Dc166P.** This site, located on the north side of a small tributary drainage of Castle Peak Draw, consists of a few plant stem impressions in a rusty sandstone. The locality was evaluated as important.

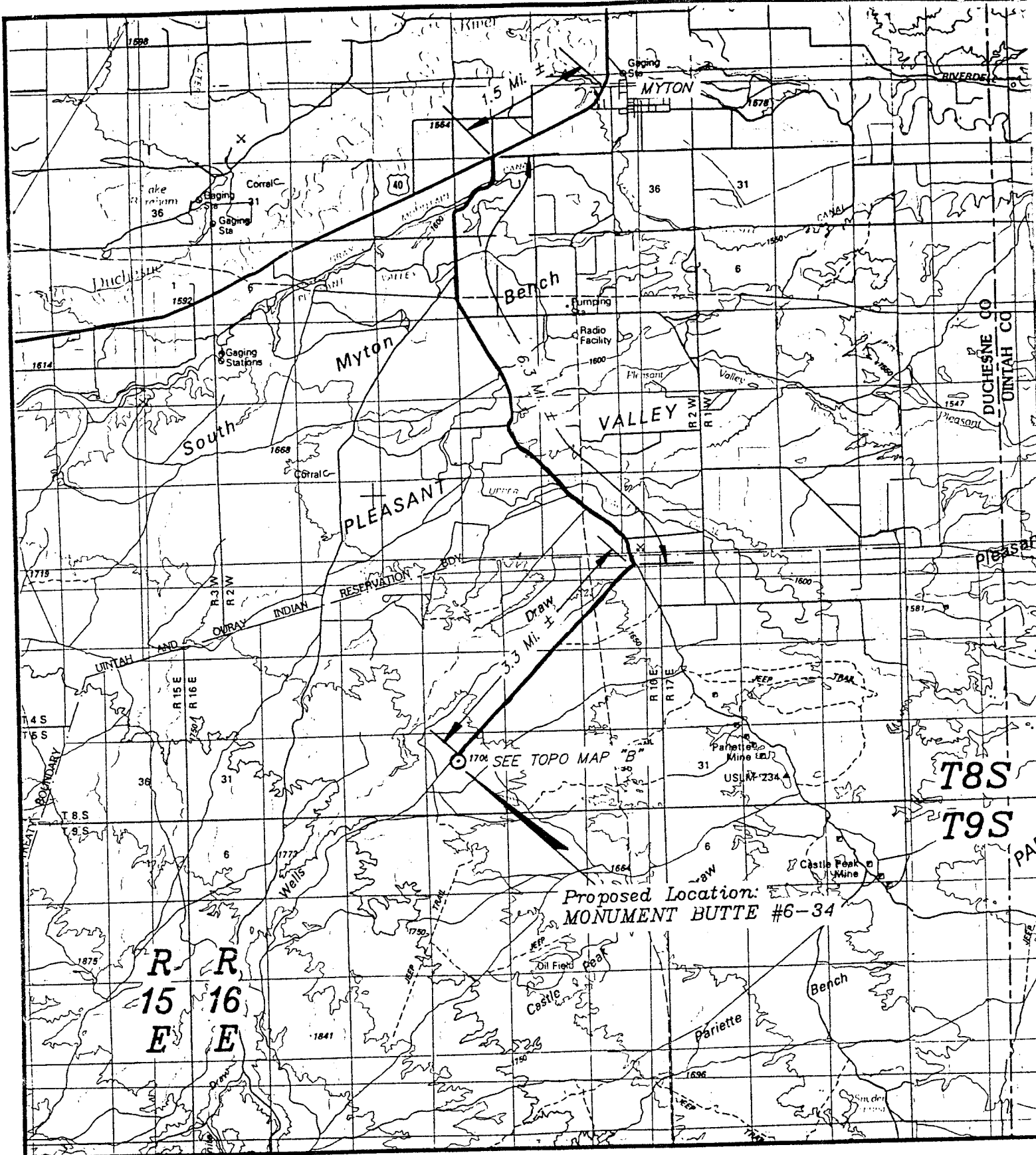
**Locality 42Dc177TIVP.** This site, located in the bottom of a tributary wash of Castle Peak Draw, consists of three sets of mammal tracks, as well as several examples of invertebrate fossils (gastropods and ostracods?), vertebrate bone (possibly bird), and plant remains. The locality was evaluated as critical and was recommended for avoidance.

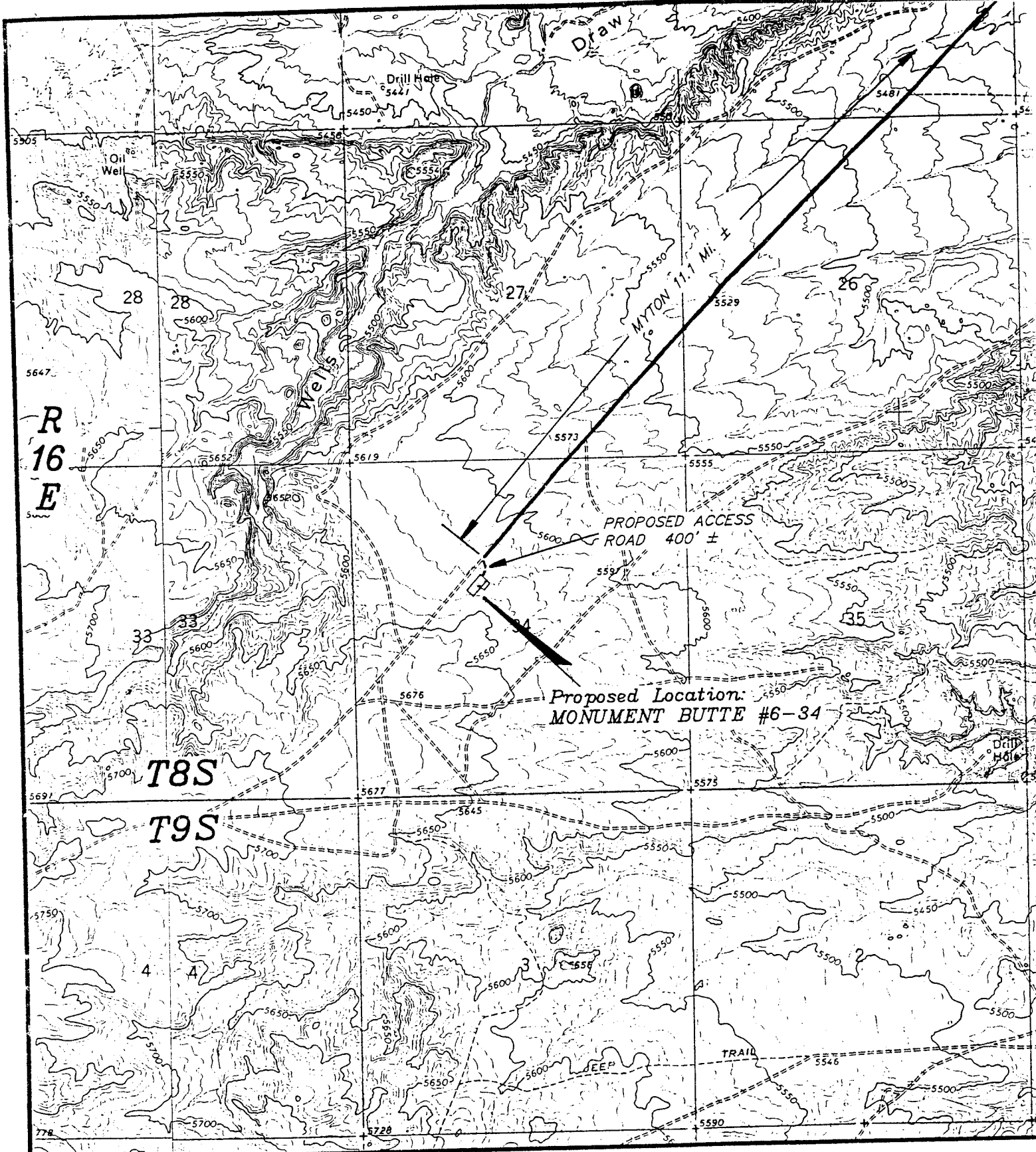
**Locality 42Dc178V.** This site, located on the southeast side of Wells Draw, consists of several turtle shell fragments weathering out of a steep slope. The locality was evaluated as possibly important.

**Locality 42Dc181V.** This site, located on a south facing slope to the southeast of Wells Draw, consists of several turtle shell fragments found in the slope-wash of a steep hillside. The locality was evaluated as possibly important.

## ENVIRONMENT

The survey areas for this project lie between 8 and 12 miles south of Myton, Utah just south of Pleasant Valley. All five well pads and access roads lie in areas of low rolling tablelands dissected by deep drainages and low eroding bedrock outcrops of sandstone and limestone. The surface sediments consist of an interfingering of fluvial deposits and thinly bedded Pleistocene lake bed deposits. Soils in these areas are poorly developed and extremely sandy in nature. Sediments consist of very fine grained, buff colored sand which contains a moderate amount of Pleistocene gravels and angular rock fragments composed of quartzite, mudstone, blocky chert, limestone and sandstone. The elevation of the areas surveyed ranges between 5100 and 5650 feet a.s.l. Vegetation in the area covers between 15 and 30 percent of the surface and is predominantly shrub community species. Noted species include prickly pear cactus, ricegrass, greasewood, gray rabbitbrush, spiny horsebrush, desert buckwheat, bladder-pod, spiny hopsage, riddell groundsel and various other desert species. The nearest permanent water sources are Antelope Creek which is located approximately five miles to the west-northwest and Pariette Draw which is located approximately 0.25 mile to the north of the Pariette Draw Federal 10-23 well locality. Many seasonally flowing drainages and washes are present in the vicinity of the project area. These seasonal water sources were, no doubt, the primary source of water in this area historically. Natural disturbance in the area consists primarily of sheetwash, aeolian erosion, and arroyo cutting. Cultural disturbance includes pre-existing well pad locations, continuing industrial development, and the presence of a number of graded gravel roads and access roads which lead to well locations.





TOPOGRAPHIC  
MAP "B"

SCALE: 1" = 2000'  
DATE: 11/11/94 J.D.S.



LOMAX EXPLORATION CO.

MONUMENT BUTTE #6-34  
SECTION 34, T8S, R16E, S.L.B.&M.  
1980' FNL 1980' FWL

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/19/95

API NO. ASSIGNED: 43-013-31504

WELL NAME: MONUMENT BUTTE 6-34  
OPERATOR: LOMAX EXPOLRATION (N0580)

PROPOSED LOCATION:

SEnw 34 - T08S - R16E  
SURFACE: 1980-FNL-1980-FWL  
BOTTOM: 1980-FNL-1980-FWL  
DUCHESNE COUNTY  
MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED  
LEASE NUMBER: U-62848

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

Y Plat  
Y Bond: Federal ☒ State ☐ Fee ☐  
(Number 4488944)  
N Potash (Y/N)  
N Oil shale (Y/N)  
Y Water permit  
(Number MONU. BUTTE FED 5-39)  
N RDCC Review (Y/N)  
(Date: \_\_\_\_\_)

LOCATION AND SITING:

\_\_\_ R649-2-3. Unit: \_\_\_\_\_  
☒ R649-3-2. General.  
\_\_\_ R649-3-3. Exception.  
\_\_\_ Drilling Unit.  
\_\_\_ Board Cause no: \_\_\_\_\_  
Date: \_\_\_\_\_

COMMENTS: \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_

LOMAX EXPLORATION  
MONUMENT BUTTE FIELD  
SEC. 33 & 34 T 8 S, R 16 E  
DUCHESNE COIUNTY  
40 ACRE SPACING GRRV  
ORDER 208-1 17-NOV-83

T 4 S

T 8 S

R 15 E

R 16 E

TRAVIS FED. 8-33

208-1

FEDERAL 6-34

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
DRILLING INSPECTION FORM

OPERATOR: LOMAX EXPLORATION COMPANY REP: BRAD MECHAM  
WELL NAME: MONUMENT FED 6-34 API NO: 43-047-31504  
QTR/QTR: SE/NW SECTION: 34 TWP: 6S RANGE: 16E  
CONTRACTOR: KENTING APOLLO DRILLING CO RIG NUMBER: #59  
INSPECTOR: DENNIS INGRAM TIME: 1:45 PM PM DATE: 3/16/95  
SPUD DATE: DRY: 3/1/95 ROTARY: 3/10/95 PROJECTED T.D. \_\_\_\_\_

OPERATIONS AT TIME OF VISIT: DRILLING AHEAD. WILL T.D.  
TOMORROW

WELL SIGN: Y MUD WEIGHT 8.4 LBS/GAL BOPE: Y  
BLOOE LINE: Y FLARE PIT: N H2S POTENTIAL: N

ENVIRONMENTAL:

RESERVE PIT: Y FENCED: Y LINED: Y PLASTIC: Y  
RUBBER: N BENTONITE: N SANITATION: Y (2)

BOPE TEST RECORDED IN THE RIG DAILY TOUR BOOK: Y

REMARKS:

RONNIE FORMAN (TOOL PUSHER). CREWS OUT OF COLORADO. LAST  
SURVEY RUN AT 5228 WAS 2 1/2 DEGREES. DRILLING WITH FRESH  
WATER. SHAFFER TWO DOOR BOP WITH HYDRIL; TWO MANUAL CHOKES AND  
PANIC OR RELIEF LINE. RIG WAS 5766 ON VISIT.

# STATE OF UTAH

<b>Operator: LOMAX EXPLORATION</b>	<b>Well Name: MONUMENT BUTTE 6-34</b>
<b>Project ID: 43-01331504</b>	<b>Location: SEC. 34 - T08S - R16E</b>

## Design Parameters:

Mud weight (10.00 ppg) : 0.519 psi/ft  
 Shut in surface pressure : 2716 psi  
 Internal gradient (burst) : 0.067 psi/ft  
 Annular gradient (burst) : 0.000 psi/ft  
 Tensile load is determined using buoyed weight  
 Service rating is "Sweet"

## Design Factors:

Collapse : 1.125  
 Burst : 1.00  
 8 Round : 1.80 (J)  
 Buttress : 1.60 (J)  
 Other : 1.50 (J)  
 Body Yield : 1.50 (B)

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost	
1	6,000	5.500	15.50	J-55	LT&C	6,000	4.825		
	Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	3117	4040	1.296	3117	4810	1.54	78.78	217	2.75 J

Prepared by : FRRM, Salt Lake City, UT  
 Date : 02-02-1995  
 Remarks :

Minimum segment length for the 6,000 foot well is 1,000 feet.  
 SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas  
 temperature of 104°F (Surface 74°F , BHT 134°F & temp. gradient 1.000°/100 ft.)  
 The mud gradient and bottom hole pressures (for burst) are 0.519 psi/ft and  
 3,117 psi, respectively.

**NOTE:** The design factors used in this casing string design are as shown above. As a general guide-  
 line, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with  
 evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body  
 Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and  
 Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.  
 Costs for this design are based on a 1987 pricing model. (Version 1.06)



**EQUIPMENT INVENTORY**  
**UTAH DIVISION OF OIL, GAS AND MINING**  
**STATE OF UTAH**

Operator: LOMAX EXPLORATION Lease: State:      Federal: Y Indian:      Fee:     

Well Name: MONUMENT BUTTE #6-34 API Number: 43-013-31504

Section: 35 Township: 8S Range: 16E County: DUCHESNE Field: MONUMENT BUTTE

Well Status: POW Well Type: Oil: YES Gas:     

**PRODUCTION LEASE EQUIPMENT: (NUMBER)**

Boiler(s):      Compressor(s):      Separator(s): (1) Dehydrator(s):     

Shed(s):      Line Heater(s): (1) Heated Separator(s):      VRU:     

Heater Treater(s): (1)

**PUMPS:**

Triplex:      Chemical:      Centrifugal:     

**LIFT METHOD:**

Pumpjack: YES Hydraulic:      Submersible:      Flowing:     

**GAS EQUIPMENT: (NUMBER)**

Purchase Meter: NO Sales Meter: YES

**TANKS:**

**NUMBER**

**SIZE**

Oil Storage Tank(s): YES 2-400 OIL BBLS

Water Tank(s): YES 1-150 WATER BBLS

Power Water Tank:           BBLS

Condensate Tank(s):           BBLS

Propane Tank: NO

**Central Battery Location: (IF APPLICABLE)**

Qtr/Qtr:      Section:      Township:      Range:     

REMARKS: WELL IS RUNNING ON RESIDUE GAS. CENTRIFUGAL PUMP FOR HEAT TRACE.

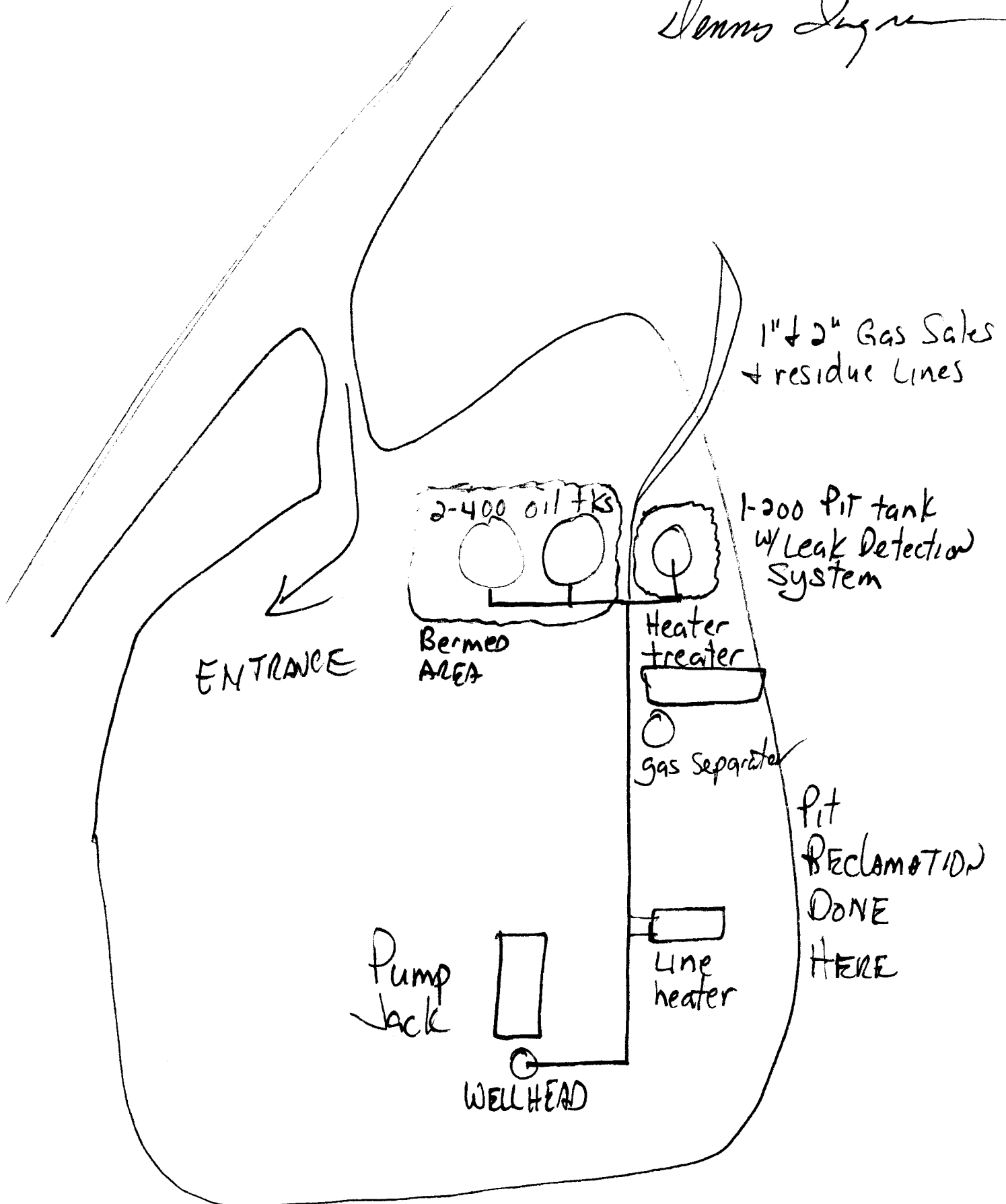
Inspector: DENNIS L. INGRAM Date: 7/26/95

LOMAX EXPLORATION Co  
MONUMENT BUTTE #6-4  
34; T8S; R16E  
POW

43-013-31504

7/26/95

Donny Dyer





**State of Utah**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

February 2, 1995

**Lomax Exploration Company**  
**P.O. Box 1446**  
**Roosevelt, Utah 84066**

**Re: Monument Butte #6-34 Well, 1980' FNL, 1980' FWL, SE NW, Sec. 34, T. 8 S., R. 16 E., Duchesne County, Utah**

**Gentlemen:**

Pursuant to Utah Admin. R. 649-3-2, Location and Siting of Wells and Utah Admin. R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

1. Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules.
2. Notification to the Division within 24 hours after drilling operations commence.
3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
4. Submittal of the Report of Water Encountered During Drilling, Form 7.
5. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.
6. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or K. Michael Hebertson, Reclamation Specialist, (Home) (801)269-9212.



Page 2  
Lomax Exploration Company  
Monument Butte #6-34 Well  
February 2, 1995

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-013-31504.

Sincerely,

  
R.J. Firth  
Associate Director

ldc  
Enclosures  
cc: Duchesne County Assessor  
Bureau of Land Management, Vernal District Office  
WOI1

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on  
reverse side)

Form approved  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR LOMAX EXPLORATION COMPANY

3. ADDRESS OF OPERATOR P.O. BOX 1446 ROOSEVELT, UT 84066 (801) 722-5103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface SE/NW 1980' FNL 1980' FWL  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

11.0 Miles Southwest of Hyton, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 660'

18. NO. OF ACRES IN LEASE 360

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

19. PROPOSED DEPTH 6000'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5632.4' GR

22. APPROX. DATE WORK WILL START\* 1st Quarter 1995

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	300'	216 Sx Class G w/ 2% CaCl
7 7/8	5 1/2	15.5#	TD	616 Sx Hilift Followed by 520 Sx Class G w/ 2% CaCl <sub>2</sub>

5. LEASE DESIGNATION AND SERIAL NO.  
U-62848  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
Monument Butte Federal  
9. WELL NO.  
#6-34  
10. FIELD AND POOL OR WILDCAT  
Monument Butte  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 34, T8S, R16E  
12. COUNTY OR PARISH  
Duchesne  
13. STATE  
Utah

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED Brad Mecham *Brad Mecham* TITLE Operations Manager DATE 1/4/95

(This space for Federal or State office use)

PERMIT NO. 43-013-31504 APPROVAL DATE

APPROVED BY *[Signature]* FOR ASSISTANT DISTRICT MANAGER RECEIVED FEB 02 1995

CONDITIONS OF APPROVAL ATTACHED FEB 11 1995 OPERATOR'S COPY

NOTICE OF APPROVAL

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**CONDITIONS OF APPROVAL**  
**APPLICATION FOR PERMIT TO DRILL**

Company/Operator: Lomax Exploration

Well Name & Number: Monument Federal 6-34

API Number: 43-013-31504

Lease Number: U-62848

Location: SE W Sec. 34 T. 8S R. 16E

**NOTIFICATION REQUIREMENTS**

- |                                 |   |   |
|---------------------------------|---|---|
| Location Construction           | - | at least forty-eight (48) hours prior to construction of location and access roads.   |
| Location Completion             | - | prior to moving on the drilling rig.  |
| Spud Notice                     | - | at least twenty-four (24) hours prior to spudding the well.   |
| Casing String and Cementing     | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings.   |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests.   |
| First Production Notice         | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

### A. DRILLING PROGRAM

#### 1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

#### 2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

If conductor pipe is set it will be cemented to surface. If drive pipe is used it will be pulled prior to cementing surface casing.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the usable water zone identified at  $\pm 647$  ft. or by setting the surface casing at  $\pm 697$  ft. and have a cement top for the production casing at least 200 ft. above the Mahogany Oil Shale, identified at  $\pm 2913$  ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

The Gamma Ray and Induction Logs need to be pulled from TD to the Surface Shoe.

A cement bond log (CBL) will be run from the production casing shoe to 2713 ft. if the surface casing is set at  $\pm 697$  ft. or it will be run to  $\pm 447$  ft. if the surface casing is set at  $\pm 300$  ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.



Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and within 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Wayne Bankert           (801) 789-4170  
Petroleum Engineer

Ed Forsman             (801) 789-7077  
Petroleum Engineer

BLM FAX Machine       (801) 781-4410

## EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

**SURFACE USE PLAN OF OPERATION**  
**Conditions of Approval (COAs)**

Plans For Reclamation Of Location

At time of abandonment the intent of reclamation will be to return the disturbed area to near natural conditions. Recontour the surface of the disturbed area to blend all cuts, fills, road berms, and borrow ditches to be natural in appearance with the surrounding terrain. Stockpiled topsoil will be spread over the surface, and the area revegetated to the satisfaction of the authorized officer of the BLM.

Additional Surface Conditions of Approval

If the access road and oil well pad are scheduled to be constructed between March 15 and August 15, contact the authorized officer of the BLM to coordinate additional surveys for mountain plover. The surveys will be required a minimum of 14 days prior to surface disturbance. If an active nest or chicks are found, the proposed activity will be delayed until the chicks are out of downy plumage or the brood vacates the area.

ENTITY ACTION FORM - FORM 6

OPERATOR Lomax Exploration Company

OPERATOR ACCT. NO. 110580

ADDRESS P.O. Box 1446

Roosevelt, Utah 84066

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
<u>3A</u>	99999	11743	43-013-31504	Monument Butte Federal #6-34	SWNW	34	T8S	R16E	Duchesne	2/28/95	2/28/95
WELL 1 COMMENTS: <u>Entity added 3-21-95. f.e.</u>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- D - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Brad Mecham

Signature

Operations Manager

Title

Date

Phone No. (801) 722-5103

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MAR 21 1995

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS OF OIL, GAS & MINERAL

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-62848

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Monument Butte Fed 6-34

9. API Well No.

43-013-31504

10. Field and Pool, or Exploratory Area

Duchesne Cty, Utah

11. County or Parish, State

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Lomax Exploration Company

3. Address and Telephone No.

P.O. Box 1446 Roosevelt, UT 84066 (801) 722-5103

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec. 34, T8S, R16E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other Weekly Status Report

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

WEEKLY STATUS REPORT FOR WEEK OF 3/11/95 - 3/19/95:

Drilled 7 7/8" hole from 310' to TD @ 6200' w/ Kenting Apollo Rig #59. Logged w/ Atlas Wireline Services. Rig released @ 7:00 AM 3/19/95. Run 6207.42' of 5 1/2" K-55 csg. Cmt w/ 383 sx hilift, 12% D-20, 1% D-79, 10% D-44 + 25% D-112, 2% D-46, 307 sx 10-0 RFC. ND BOP's. Set slips. W/O Completion Rig.

14. I hereby certify that the foregoing is true and correct

Signed Brad Mechem Title Operations Manager

Date 3/22/95

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No.  
U-62848

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Lomax Exploration Company

3. Address and Telephone No.

P.O. Box 1446 Roosevelt, UT 84066 (801) 722-5103

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW/NW Sec. 34, T8S, R16E

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Mon. Butte Fed. #6-34

9. API Well No.

43-013-31504

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other Weekly Status Report

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

WEEKLY STATUS REPORT FOR WEEK OF 3/20/95 - 3/28/95"

Building tank battery. RIH w/ CBL. Tag PBTD @ 5247'. Log to surface.  
Waiting on completion rig.

14. I hereby certify that the foregoing is true and correct

Signed Brad Mecham

*Brad Mecham*

Title Operations Manager

Date 3/28/95

(This space for Federal or State office use)

Approved by

Title

Date

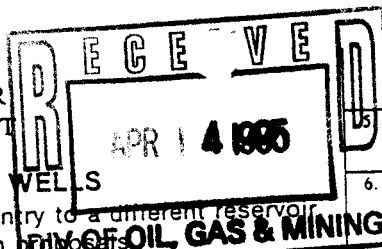
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT—" for such purposes

5. Lease Designation and Serial No.

U-62848

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Lomax Exploration Company

3. Address and Telephone No.

P.O. Box 1446 Roosevelt, UT 84066 (801) 722-5103

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW/NW Sec. 34, T8S, R16E

8. Well Name and No.

Mon. Butte Fed 6-34

9. API Well No.

43-013-31504

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

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☐ Other Weekly Status Report

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

WEEKLY STATUS REPORT FOR WEEK OF 4/1/95 - 4/7/95:

Perf "A" sand from 5520'-5552', 4 SPF for 128, .45" holes

2436 Gal Prepad Viking - I - 35#

5400 Gal Pad

1400 Gal 1# 20/40 sd

2000 Gal 2# 20/40 sd

2800 Gal 3# 20/40 sd

3500 Gal 4# 20/40 sd

4350 Gal 5# 20/40 sd

4700 Gal 6# 16/30 sd

2478 Gal 8# 16/30 sd

1260 Gal Flush KCL

RIH w/ 1½" THD pump, 4 wt rods, 117 - ¾" slick, 98 - ¾" scraped, 2 - 6' X ¾",  
1 4' - ¾" pony's. PU 1½" X 22' polished.  
Well on production @ 12:30 PM 4/8/95.

14. I hereby certify that the foregoing is true and correct

Signed Brad Mecham

Title Operations Manager

Date 4/11/95

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Conditions of approval, if any: \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

MAY 11 1995

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry in a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.

5. Lease Designation and Serial No.

U-62848

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
Mon. Butte Fed #6-34

9. API Well No.  
43-013-31504

10. Field and Pool, or Exploratory Area

11. County or Parish, State  
Duchesne County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Lomax Exploration Company

3. Address and Telephone No.

P.O. Box 1446 Roosevelt, UT 84066 (801) 722-5103

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW/NW Sec. 34, T8S, R16E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other

Weekly Status Report

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Well on Production @ 12:30 PM, 4/8/95:

DATE	HOURS	BOPD	MCFD	BWPD
4/9/95	17.5	0	0	65
4/10/95	19.0	0	0	63
4/11/95	20.0	38	29	42
4/12/95	24.0	108	90	59

14. I hereby certify that the foregoing is true and correct

Signed Brad Mecham

Title Operations Manager

Date 4/21/95

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

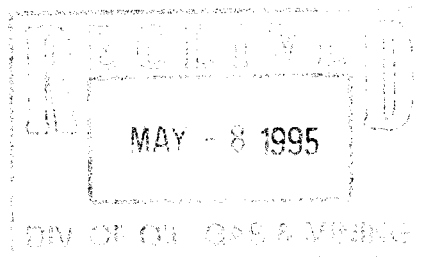
**Lomax Exploration Company**

P.O. Box 1446  
Roosevelt, Utah 84066  
(801) 722-5103  
FAX (801) 722-9149

May 5, 1995



*State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
Three Triad Center - Suite 350  
Salt Lake City, Utah 84180-1203*



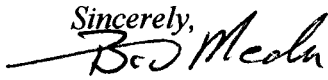
**ATTENTION:** *Vicky Carney*

**RE:** *Monument Butte Federal #6-34  
SW/NW Sec. 34, T8S, R16E  
Duchesne County, Utah  
API# 43-013-31504*

*Dear Vicky,*

*Enclosed are the Dual Laterolog Gamma Ray, and the Compensated Neutron Gamma Ray logs, on the above referenced well.*

*If you have any questions, please do not hesitate to call me at the Roosevelt office, (801) 722-5103.*

*Sincerely,*  
  
Brad Mecham  
Operations Manager

*Enclosures  
/cc*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

MAY - 8 1995

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

(See other instructions on reverse side)

LEASE DESIGNATION AND SERIAL NO.

U-62848

INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

FARM OR LEASE NAME

Mon. Butte Federal

WELL NO.

#6-34

FIELD AND POOL, OR WILDCAT

SEC. T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 34, T8S, R16E

COUNTY OR PARISH  
Duchesne

STATE  
UT

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESRV. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

Lomax Exploration Company

3. ADDRESS OF OPERATOR

P.O. Box 1446 Roosevelt, UT 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 1980' FNL 1980' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

43-013-31504

2/2/95

15. DATE SPUDDED

2/28/95

16. DATE T.D. REACHED

3/18/95

17. DATE COMPL. (Ready to prod.)

4/8/95

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

5632.4' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6200'

21. PLUG, BACK T.D., MD & TVD

5747'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

5520' - 5552'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Neutron Gamma-Ray, Dual Laterolog Gamma Ray 58-95

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	300'	12 1/4	165 sx Class G + 2% S-1, 1.15 cu ft/sk 15.8 Density	+ 1 1/4#/sk D-29
5 1/2	15.5#	TD	7 7/8	383 sx Hilift 12% D-20, 1% D-79, 10% D-44, + 25% D-112, 2% D-46; 307 sx 10 REC	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	5636'	

31. PERFORATION RECORD (Interval, size and number)

5520' - 5552'

4 SPF 128 shots .45 Dia 4" Gun

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
*See Back	

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
4/9/95		Pumping - RHAC Pump					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
4/15/95	22.5	N/A	→	28	57	4	2.035	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
N/A	N/A	→	28.8	60	4.8			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Downhole Diagram - Loga above item #26

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Brad Mecham TITLE Operations Manager

DATE 4/20/95

\*(See Instructions and Spaces for Additional Data on Reverse Side)

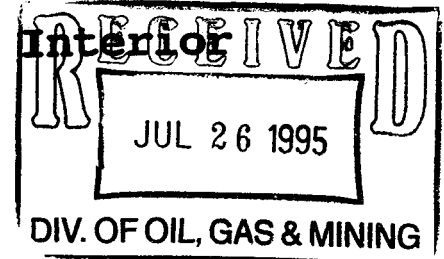
38.

## GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch	3978'					
GB-6 Sand	4550'					
X Mkr	4835'					
Y Mkr	4866'					
Douglas Ck	4988'					
D-1 sand	5042'					
D-2 sand	5090'					
C-sand	5181'					
B Limestone	5372'					
A-3 sand	5518'					
Lower Douglas	5559					
Creek sand						
Castle Peak	5873'					
CP-1 sand	5898'					
CP-3 sand	5978'					
#32.						
"A" 5520'-5552'						
Ramped 1# - 8" Sand, using 104,160# of 20/40 & 16/30 sand w/ 29,064 gal gelled fluid.						



United States Department of the Interior  
BUREAU OF LAND MANAGEMENT  
Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155



IN REPLY REFER TO:  
3100  
SL-065914 et al  
(UT-923)

JUL 25 1995

NOTICE

Inland Production Company : Oil and Gas Leases  
475 Seventeenth St., Ste. 1500 : SL-065914 et al  
Denver, Colorado 80202 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of Lomax Exploration Company to Inland Production Company on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

For our purposes, the name change is recognized effective June 29, 1995 (Secretary of State's approval date).

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Lomax Exploration Company to Inland Production Company on Bond No. 4488944 (BLM Bond No. UT0056). You may accomplish this name change either by consent of the surety on the original bond or by a rider to the original bond. Otherwise, a replacement bond with the new name should be furnished to this office. BLM Bond Nos. MT0771 and WY0821 should also be changed for the bonds held by Montana and Wyoming respectively.

/s/ ROBERT LOPEZ

Chief, Branch of Mineral  
Leasing Adjudication

Enclosure  
1-Exhibit (1 p)

cc: Hartford Accident & Indemnity Co.  
Hartford Plaza  
Hartford, CT 06115

bc: Moab District Office  
Vernal District Office  
Montana State Office  
Wyoming State Office  
Eastern States Office  
MMS--Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217  
State of Utah, Attn: Lisha Cordova, Division of Oil, Gas & Mining,  
355 West North Temple, 3 Triad Center, Suite 350, SLC, UT 84180  
Teresa Thompson (UT-922)  
Dianne Wright (UT-923)

**EXHIBIT**

SL-065914	U-36846	UTU-66185
SL-071572A	U-38428	UTU-67170
U-02458	U-45431	UTU-68548
U-15855	U-47171	UTU-69060
U-16535	U-50376	UTU-69061
U-26026	U-62848	UTU-72103
U-34173	UTU-65965	UTU-72104
U-36442	UTU-66184	UTU-73088



FAX COVER SHEET



RESOURCES INC.  
475 17th Street, Suite 1500  
Denver, CO 80202  
303-292-0900, Fax #303-296-4070

DATE: August 8, 1995

TO: Lisha Cordova

COMPANY: State of Utah - Division of Oil, Gas and Mining

FAX NUMBER: 801 359 3940

FROM: Chris A Potter

NUMBER OF PAGES: 1 (INCLUDING COVER SHEET):

---

RE: Transfer of Authority to Inject  
Lomax Exploration Company to Inland Production Company

I hope the info I sent to you August 1st was acceptable regarding our name change and your phone call to me last week.....

If there is anything missing or you need additional info, please let me know. I am located in our Denver office.....

**Lomax Exploration Company**  
A subsidiary of Inland Resources Inc.



July 13, 1995

State of Utah Department of Natural Resources  
Attention: Ms Becky Pritchett  
355 W. North Temple  
3 Triad Center, Suite 400  
Salt Lake City, Utah 84180-1204

RE: Corporate Name Change

Dear Sir or Madame:

Effective July 1, 1995, Lomax Exploration Company will have taken the steps necessary to change its name to **Inland Production Company**. A Certificate issued by the Texas Secretary of State evidencing the name change is attached for your files. We have also attached to this letter those Utah State leases (Exhibit "B") and wells (Exhibit "A") affected by this name change. We have attempted to provide a complete list from the records we have. The intent is to include all leases and wells that Lomax Exploration Company operates or has an interest in.

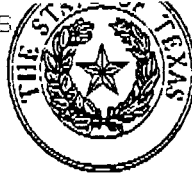
Riders changing the Principal from Lomax Exploration Company to Inland Production Company under Nationwide Oil and Gas Bond # 4488944 for Lomax Exploration Company will be furnished to the State of Utah in the very near future.

Please amend your records by substituting Inland Production Company in place of Lomax Exploration Company on the leases and wells listed on the attached exhibits. In the future we will begin submitting notices and permits for new operations after July 1, 1995 in the name of Inland Production Company.

Should a fee be required or should you need further information or documents relating to our name change please contact the undersigned at your convenience at the following number: (303) 292-0900 or Cheryl Cameron at our Roosevelt, Utah office (801) 722-5103.

Sincerely yours,

Chris A Potter, CPL  
Manager of Land



# The State of Texas

Secretary of State  
JUNE 30, 1995

MIKE PARSONS...GLAST, PHILLIPS & MURRAY  
2200 ONE GALLERIA TWR, 13355 NOEL RD. LB48  
DALLAS, TX 75240-6657

RE:  
INLAND PRODUCTION COMPANY  
CHARTER NUMBER 00415304-00


IT HAS BEEN OUR PLEASURE TO APPROVE AND PLACE ON RECORD YOUR ARTICLES OF AMENDMENT. A COPY OF THE INSTRUMENT FILED IN THIS OFFICE IS ATTACHED FOR YOUR RECORDS.

THIS LETTER WILL ACKNOWLEDGE PAYMENT OF THE FILING FEE.

IF WE CAN BE OF FURTHER SERVICE AT ANY TIME, PLEASE LET US KNOW.

VERY TRULY YOURS,



  
Antonio O. Garza, Jr., Secretary of State



# The State of Texas

## Secretary of State

### CERTIFICATE OF AMENDMENT

FOR

INLAND PRODUCTION COMPANY

FORMERLY

LOMAX EXPLORATION COMPANY  
CHARTER NUMBER 00415304

THE UNDERSIGNED, AS SECRETARY OF STATE OF THE STATE OF TEXAS,  
HEREBY CERTIFIES THAT THE ATTACHED ARTICLES OF AMENDMENT FOR THE ABOVE  
NAMED ENTITY HAVE BEEN RECEIVED IN THIS OFFICE AND ARE FOUND TO  
CONFORM TO LAW.

ACCORDINGLY THE UNDERSIGNED, AS SECRETARY OF STATE, AND BY VIRTUE  
OF THE AUTHORITY VESTED IN THE SECRETARY BY LAW, HEREBY ISSUES THIS  
CERTIFICATE OF AMENDMENT.

DATED JUNE 29, 1995

EFFECTIVE JUNE 29, 1995



  
Antonio O. Garza, Jr., Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
LOMAX EXPLORATION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas

JUN 29 1995

Corporations Section

Pursuant to the provisions of Part Four of the Texas Business Corporation Act, the undersigned corporation adopts the following articles of amendment to its Articles of Incorporation:

1. Name. The name of the corporation is LOMAX EXPLORATION COMPANY.
2. Statement of Amendment. The amendment alters or changes Article One of the original Articles of Incorporation to read in full as follows:

"Article One. The name of the corporation is INLAND PRODUCTION COMPANY."

3. Shareholders. The number of shares of the corporation outstanding at the time of such adoption was 205,315, there being 107,546 Common Shares and 97,769 Non-voting Preferred Shares; and the number of shares entitled to vote thereon was 107,546.

4. Adoption by Shareholders. Only the holders of Common Shares of the corporation are entitled to vote on the amendment. The shareholders adopted the foregoing amendment by unanimous written consent dated June 23, 1995, pursuant to the provisions of Article 9.10 of the Texas Business Corporation Act and, therefore, no notice was required to be delivered under said Article 9.10.

5. Adoption by Board of Directors. The Board of Directors adopted said amendment by a consent in writing signed by all Directors.

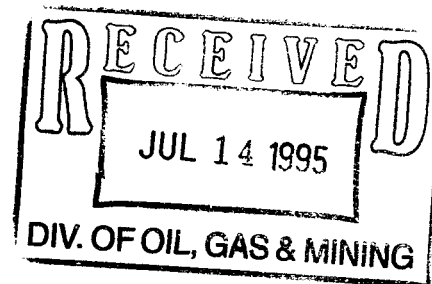
6. Future Effective Date. This amendment will become effective on July 1, 1995, at 12:01 a.m.

EXECUTED June 26, 1995.

  
\_\_\_\_\_  
Kyle R. Miller, President

**Lomax Exploration Company**

A subsidiary of Inland Resources Inc.



*Announcing*  
*Our Name Change*

*From*

**Lomax Exploration Company**

*To*

**Inland Production  
Company**

*\* N 5160 assigned 7/26/95. Lee*

*Field And Corporate Office Locations Remain The Same:*

**Corporate Office:**

Inland Resources Inc.

475 Seventeenth Street, Suite 1500

Denver, CO 80202

**Field Office:**

W. Pole Line Road

P.O. Box 1446

Roosevelt, Utah 84066

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing: (GIL) *[initials]*

1-DEC 7-PL	<i>[initials]</i>
2-LWP 8-SJ	<i>[initials]</i>
3-DT 9-FILE	<i>[initials]</i>
4-VLC	<i>[initials]</i>
5-RJF	<i>[initials]</i>
6-LWP	<i>[initials]</i>

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent  
☐ Designation of Operator ☐ Operator Name Change Only

(MERGER)

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 6-29-95)

TO (new operator)	<u>INLAND PRODUCTION COMPANY</u>	FROM (former operator)	<u>LOMAX EXPLORATION COMPANY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>PO BOX 1446</u>
	<u>ROOSEVELT UT 84066</u>		<u>ROOSEVELT UT 84066</u>
	<u>KEBBIE JONES</u>		<u>KEBBIE JONES</u>
	phone ( <u>801</u> ) <u>722-5103</u>		phone ( <u>801</u> ) <u>722-5103</u>
	account no. <u>N 5160</u>		account no. <u>N 0580</u>

Well(s) (attach additional page if needed):

Name: <b>**SEE ATTACHED**</b>	API: <u>013-31504</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- See* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 7/14/95)*
- N/A* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- See* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_ *(7-28-95)*
- See* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(7-31-95)*
- See* 6. Cardex file has been updated for each well listed above. *8-16-95*
- See* 7. Well file labels have been updated for each well listed above. *8-22-95*
- See* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(7-31-95)*
- See* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

### ENTITY REVIEW

- See 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

### BOND VERIFICATION (~~Fee wells only~~) *Trust Lands Admin. / Rider or Repl. in Progress.*

- N/A See 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no)     . Today's date                      19    . If yes, division response was made by letter dated                      19    .

### LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated                      19    , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- OS 2. Copies of documents have been sent to State Lands for changes involving State leases.  
*8/23/95 sent to Ed Bunker*

### FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: August 30 1995.

### FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

### COMMENTS

*950726 BLM/SL Appr. eff. 6-29-95.*



## MONTHLY OIL AND GAS PRODUCTION REPORT

**\*TRAVIS UNIT EXPANDED 10-1-97; ENTITY CHANGES TO 10628 EFF 6/98; UPDATED 7-15-98.** *jc*

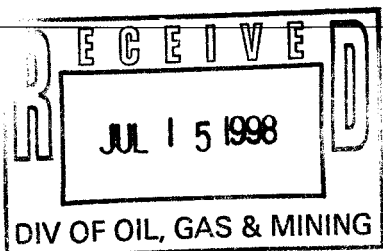
Operator name and address

INLAND PRODUCTION COMPANY

P.O. BOX 1446

ROOSEVELT

UT 84066



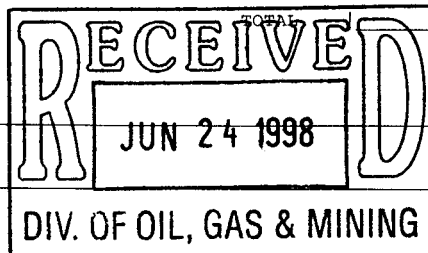
Utah Account No: N5160

Report Period (Month/Year) 04/98

Amended Report | | (Highlight Changes)

Well Name			Producing		Well	Days	Production Volume		
API Number	Entity	Location	Zone	Status	Oper		OIL (BBL)	GAS (MSCF)	WATER (BBL)
41-29I PLEASANT VALLEY FEDERAL									
4304732495	11646	29 9S 18E	GRRV	POW	30		90	390	277
41-19Y FEDERAL									
4304732504	11651	19 9S 18E	GRRV	POW	30		88	390	0
44-4Y FEDERAL									
4301331452	11679	4 9S 17E	GRRV	POW	30		93	390	0
31-5Y FEDERAL									
4304732503	11680	5 9S 18E	GRRV	POW	29		371	377	56
12-21 BOUNDARY FEDERAL									
4301331440	11709	21 8S 17E	GRRV	POW	30		152	314	0
12-22Y FEDERAL									
4301331476	11717	22 8S 17E	GRRV	POW	30		413	2185	50
6-34 MONUMENT BUTTE FEDERAL									
4301331504	11743	34 8S 16E	GRRV	POW	30		0	321	94
31-19Y FEDERAL									
4304732614	11751	19 9S 18E	GRRV	POW	28		145	364	0
42-19Y FEDERAL									
4304732616	11756	19 9S 18E	GRRV	POW	30		103	390	0
12-20Y FEDERAL									
4304732617	11758	20 9S 18E	GRRV	POW	26		206	338	25
14-21 BOUNDARY FEDERAL									
4301331441	11768	21 8S 17E	GRRV	POW	30		823	821	0
6-1 MONUMENT BUTTE FEDERAL									
4301331506	11769	1 9S 16E	GRRV	POW	30		195	478	90
32-19Y FEDERAL									
4304732615	11771	19 9S 18E	GRRV	POW	30		70	390	0
TOTAL							2749	7148	592

Comments:



I hereby certify that this report is true and complete to the best of my knowledge.

Name &amp; Signature:

(6/93)

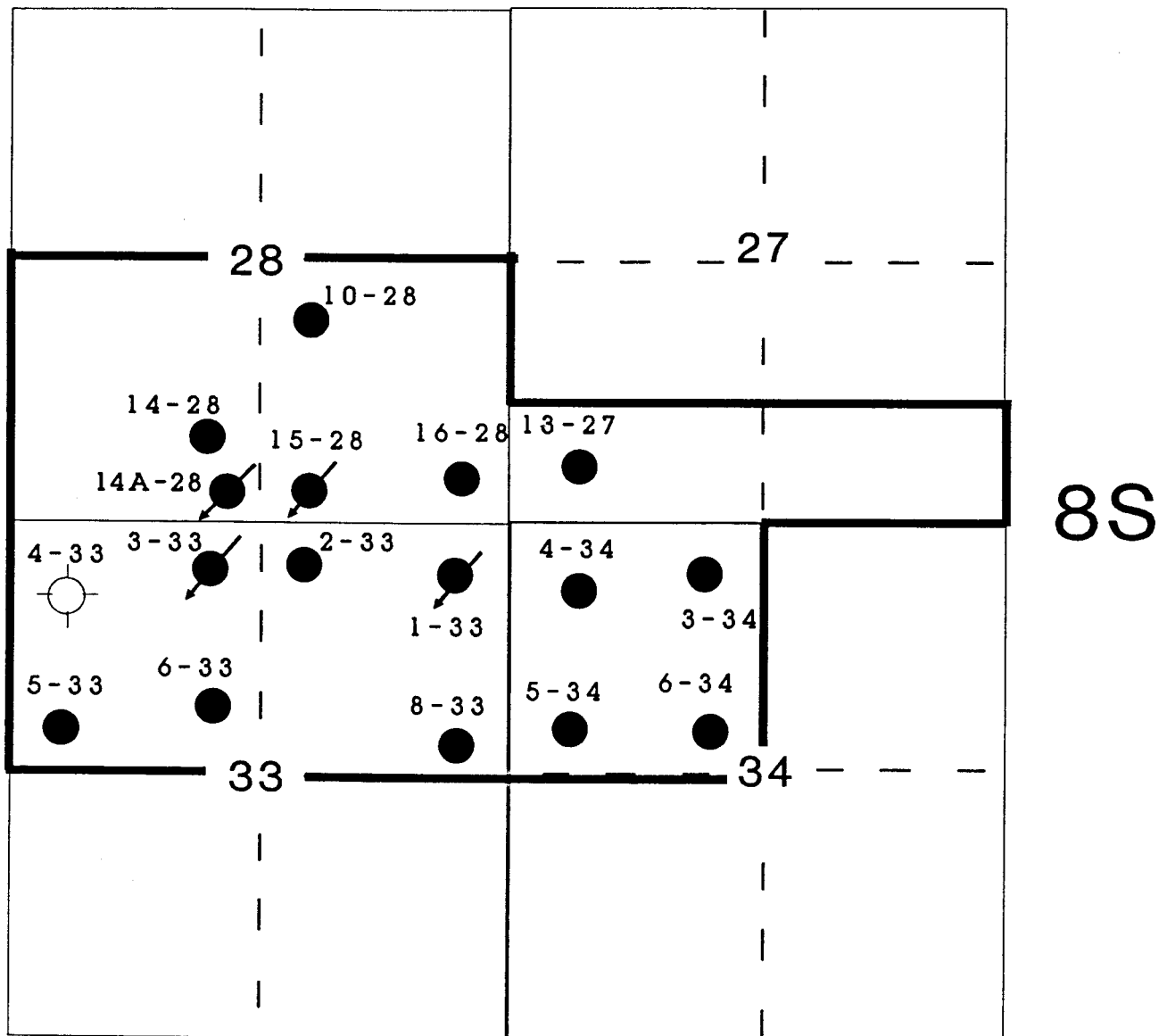
Date:

Telephone: (435)-722-5103

# TRAVIS UNIT

## Duchesne County, Utah

EFFECTIVE: DECEMBER 1, 1991



16E

UNIT OUTLINE (UTU68528A)  
AS EXPANDED OCTOBER 1, 1997

960.00 ACRES

SECONDARY  
ALLOCATION  
FEDERAL 100.00%

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**U-62848**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**TRAVIS**

8. Well Name and No.

**MONUMENT BUTTE FEDERAL** *10-34*

9. API Well No.

**43-013-31504**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1980 FNL 1980 FWL SE/NW Section 34, T08S R16E**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**TYPE OF SUBMISSION**

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

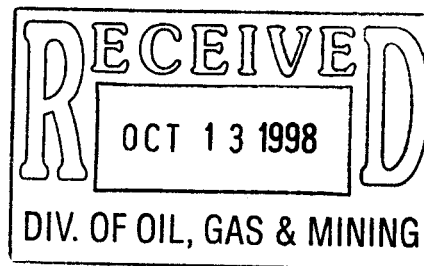
☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Site Security

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

*Lebbie E. Knight*

Title

Manager, Regulatory Compliance

Date

10/8/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

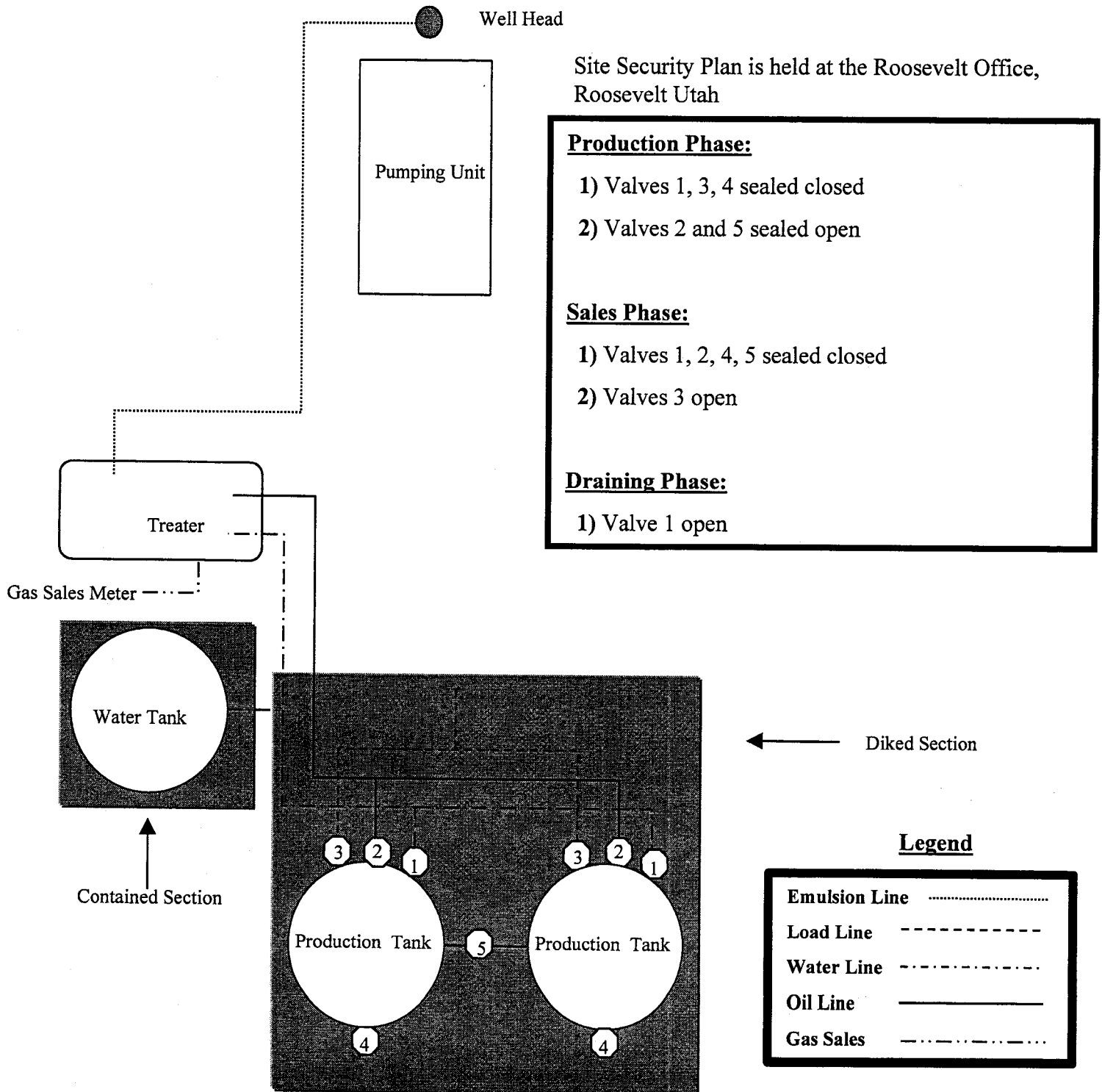
# Inland Production Company Site Facility Diagram

Monument Butte 6-34

SE/NW Sec. 34, T8S, 16E

Duchesne County

Sept. 17, 1998



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1980' FNL & 1980' FWL SE/NW Section 34, T8S, R16E**

5. Lease Designation and Serial No.

**U-62848**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**Travis Unit**

8. Well Name and No.

**Monument Butte Federal 6-34**

9. API Well No.

**43-013-31504**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Status Report**

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Status report for time period 7/9/01 through 7/15/01.

Subject well had re-completion procedures initiated in the Green River formation on 7/9/01. One new Green River interval was perforated W/ 4 JSPF @ 4548-4568'. Interval was fracture treated W/ 100,120# 20/40 mesh sand in 647 bbls Viking I-25 fluid. New interval was swab tested to clean up sand. Bridge plug was removed from wellbore. Production equipment was returned to well. Well was returned to production via rod pump on 7/15/01.

RECEIVED  
DIVISION OF  
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct

Signed

*Gary Dietz*  
Gary Dietz

Title

**Completion Foreman**

Date

**7/16/01**

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Jun ay

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

### SUBMIT IN TRIPLICATE

## 1. Type of Well

☒ Oil Well    ☐ Gas Well    ☐ Other

## 2. Name of Operator

**INLAND PRODUCTION COMPANY**

## 3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

## 4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1980 FNL 1980 FWL SE/NW Section 34, T8S R16E**

## 5. Lease Designation and Serial No.

**U-62848**

## 6. If Indian, Allottee or Tribe Name

**NA**

## 7. If Unit or CA, Agreement Designation

**TRAVIS**

## 8. Well Name and No.

**MONUMENT BUTTE FED 6-34**

## 9. API Well No.

**43-013-31504**

## 10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

## 11. County or Parish, State

**DUCHESNE COUNTY, UT**

### 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

#### TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

#### TYPE OF ACTION

☐ Abandonment  
☒ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

### 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Subject well had recompletion procedures initiated in the Green River formation on 6/6/03. Existing production equipment was pulled from well. A bit and scraper were run in well. Four new Green River intervals were perforated and hydraulically fracture treated as follows: Stage #1: CP sands @ 5978-5984', 5940-5944', and 5899-5904' (all 4JSPF) fraced down 2 7/8" N-80 tbg w/79,030# 20/40 sand in 630 bbls Viking I-25 fluid.. Stage #2: LODC sands @ 5820-5822', 5814-5816', 5804-5807', 5788-5791', 5758-5770', 5739-5744', 5716-5721', and 5705-5710' (all 4JSPF) fraced down 2 7/8" N-80 tbg w/117,747# 20/40 sand in 900 bbls Viking I-25 fluid. Stage #3: existing A sands and LODC sands @ 5586-5590', 5562-5572' (all 4JSPF) fraced down 2 7/8" N-80 tbg w/100,632# 20/40 sand in 518 bbls Viking I-25 fluid. Stage #4: BIC and C sands @ 5248-5252', 5181-5184' (all 4JSPF) fraced down 2 7/8" N-80 tbg w/38,341# 20/40 sand in 198 bbls Viking I-25 fluid. Frac was flowed back through chokes. Sand was cleaned from wellbore. New intervals were swab tested for sand cleanup. BHA & production tbg were run and anchored in well w/tubing anchor @ 5879', pump seating nipple @ 5977', and end of tubing string @ 6044'. A repaired 1 1/2" bore rod pump was run in well on sucker rods. Well returned to production via rod pump on 6/16/03.

## 14. I hereby certify that the foregoing is true and correct

Signed Martha Hall Title Office Manager Date 6/17/2003

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_

Conditions of approval, if any: \_\_\_\_\_

**RECEIVED**

**JUN 19 2003**

DIV OF OIL, GAS & MINING

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		





# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office  
From: Acting Chief, Branch of Fluid Minerals  
Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare



## Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

**OPERATOR CHANGE WORKSHEET****ROUTING**

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change****Merger**

The operator of the well(s) listed below has changed, effective:

**9/1/2004**

**FROM: (Old Operator):**  
 N5160-Inland Production Company  
 Route 3 Box 3630  
 Myton, UT 84052  
 Phone: 1-(435) 646-3721

**TO: ( New Operator):**  
 N2695-Newfield Production Company  
 Route 3 Box 3630  
 Myton, UT 84052  
 Phone: 1-(435) 646-3721

**CA No.****Unit:****TRAVIS****WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
MON BUTTE FED 13-27	27	080S	160E	4301331611	10628	Federal	WI	A	
MONUMENT BUTTE FED 15-27-8-16	27	080S	160E	4301331786	10628	Federal	OW	DRL	
MONUMENT BUTTE FED 16-27	27	080S	160E	4301331899	10628	Federal	OW	P	
FEDERAL 15-28	28	080S	160E	4301330779	10628	Federal	WI	A	
FEDERAL 14-28	28	080S	160E	4301330792	10628	Federal	OW	S	
WEST MONUMENT 10-28	28	080S	160E	4301330856	10628	Federal	OW	S	
FEDERAL 14A-28	28	080S	160E	4301331372	10628	Federal	WI	A	
TRAVIS FEDERAL 16-28	28	080S	160E	4301331590	10628	Federal	OW	P	
TRAVIS FED 9-28	28	080S	160E	4301331941	10628	Federal	WI	A	
TRAVIS 11-28-8-16	28	080S	160E	4301332333		Federal	OW	LA	K
TRAVIS 12-28-8-16	28	080S	160E	4301332334		Federal	OW	LA	K
TRAVIS 13-28-8-16	28	080S	160E	4301332335		Federal	OW	LA	K
FEDERAL 3-33	33	080S	160E	4301330693	10628	Federal	WI	A	
FEDERAL 6-33	33	080S	160E	4301330747	10628	Federal	OW	P	
FEDERAL 2-33	33	080S	160E	4301330749	10628	Federal	OW	P	
TRAVIS FED 5-33	33	080S	160E	4301331435	10628	Federal	WI	A	
TRAVIS FEDERAL 8-33	33	080S	160E	4301331503	10628	Federal	OW	P	
TRAVIS FED 1-33	33	080S	160E	4301331603	10628	Federal	WI	A	
MON FED 5-34	34	080S	160E	4301331499	10628	Federal	WI	A	
MONUMENT BUTTE FED 6-34	34	080S	160E	4301331504	10628	Federal	OW	P	
MON BUTTE FED 3-34	34	080S	160E	4301331518	10628	Federal	WI	A	
MONUMENT BUTTE FED 4-34 (I)	34	080S	160E	4301331669	10628	Federal	OW	P	

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005  
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005  
3. Bond information entered in RBDMS on: 2/28/2005  
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005  
5. Injection Projects to new operator in RBDMS on: 2/28/2005  
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 61BSBDH2912

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - **received 2/23/05**



September 15, 2009

Mr. Dan Jarvis  
State of Utah  
Division of Oil, Gas and Mining  
Post Office Box 145801  
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well  
Monument Butte Federal #6-34-8-16  
Monument Butte Field, Travis Unit, Lease #U-62848  
Section 34-Township 8S-Range 16E  
Duchesne County, Utah

**RECEIVED**

**SEP 16 2009**

**DIV. OF OIL, GAS & MINING**

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Monument Butte Federal #6-34-8-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Eric Sundberg  
Regulatory Analyst

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**MONUMENT BUTTE FEDERAL #6-34-8-16**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**TRAVIS UNIT**  
**LEASE #U-62848**  
**SEPTEMBER 15, 2009**

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ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company  
ADDRESS 1001 17th Street, Suite 2000  
Denver, Colorado 80202

Well Name and number: Monument Butte Federal #6-34-8-16  
Field or Unit name: Monument Butte (Green River), Travis Unit Lease No. U-62848  
Well Location: QQ SE/NW section 34 township 8S range 16E county Duchesne

Is this application for expansion of an existing project? ..... Yes ☒ No ☐

Will the proposed well be used for: Enhanced Recovery? ..... Yes ☒ No ☐  
Disposal? ..... Yes ☐ No ☒  
Storage? ..... Yes ☐ No ☒

Is this application for a new well to be drilled? ..... Yes ☐ No ☒

If this application is for an existing well,  
has a casing test been performed on the well? ..... Yes ☐ No ☒

Date of test: \_\_\_\_\_

API number: 43-013-31504

Proposed injection interval: from 4311 to 6152  
Proposed maximum injection: rate 500 bpd pressure 1666 psig  
Proposed injection zone contains ☒ oil, ☐ gas, and/or ☐ fresh water within 1/2  
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should  
accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg

Title: Regulatory Analyst

Phone No. (303) 893-0102

Signature 

Date 9/15/09

(State use only)

Application approved by \_\_\_\_\_ Title \_\_\_\_\_

Approval Date \_\_\_\_\_

Comments:



# Monument Butte Fed. #6-34-8-16

Spud Date: 2/28/1995  
Put on Production: 4/09/1995

GL: 5632' KB: 5646'

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
DEPTH LANDED: 310'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 165 sxs Class "G" cement.

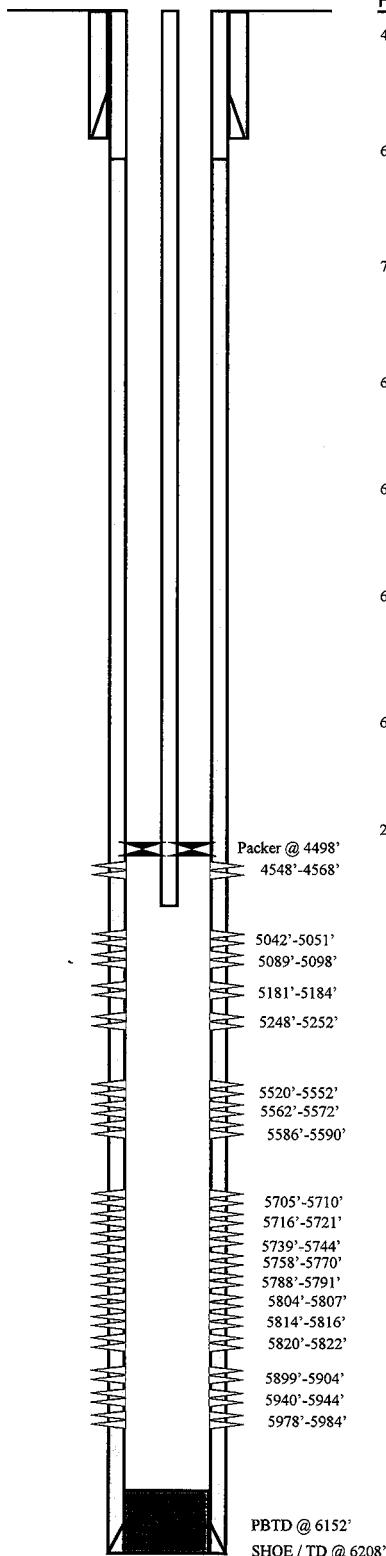
## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
DEPTH LANDED: 6207.42'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 383 sxs Hilift & 307 sxs 10-0 RFC.  
CEMENT TOP AT: 364'

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 179 jts (5863.98')  
TUBING ANCHOR: 5877.98' KB  
NO. OF JOINTS: 3 jts (95.17')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5975.90' KB  
NO. OF JOINTS: 2 jts (65.18')  
TOTAL STRING LENGTH: EOT @ 6042.63' w/14' KB

## Proposed Injection Wellbore Diagram



Initial Production: 28 BOPD,  
57 MCFD, 4 BWPD

## FRAC JOB

4/06/95	5520'-5552'	<b>Frac A3 sand as follows:</b> 97,570# 20/40 sand in 692 bbls Viking I-35 fluid. Treated @ avg press of 2270 psi w/avg rate of 31.5 BPM. ISIP 2380 psi. Calc. flush: 5520 gal. Actual flush: 1260 gal.
6/07/95	5042'-5098'	<b>Frac D sands as follows:</b> 77,000# 16/30 sand in 673 bbls KCl frac fluid. Treated @ avg press of 2250 psi w/avg rate of 32 BPM. ISIP 2482 psi. Calc. flush: 5042 gal. Actual flush: 4998 gal.
7/10/01	4548'-4568'	<b>Frac GB-6 sand as follows:</b> 100,120# 20/40 sand in 647 bbls Viking I-25 fluid. Treated @ avg press of 2050 psi w/avg rate of 30 BPM. ISIP 2360 psi. Calc. flush: 4548 gal. Actual flush: 4452 gal.
6/10/03	5899'-5984'	<b>Frac CP sand as follows:</b> 79,030# 20/40 sand in 630 bbls Viking I-25 fluid. Treated @ avg press of 4000 psi w/avg rate of 16 BPM. ISIP 1885 psi. Calc. flush: 1502 gal. Actual flush: 1386 gal.
6/11/03	5705'-5822'	<b>Frac LODC sand as follows:</b> 117,747# 20/40 sand in 900 bbls Viking I-25 fluid. Treated @ avg press of 4400 psi w/avg rate of 17.3 BPM. ISIP 2390 psi. Calc. flush: 1491 gal. Actual flush: 1386 gal.
6/12/03	5520'-5590'	<b>Frac Existing A and LoDC sand as follows:</b> 100,632# 20/40 sand in 213 bbls of Viking I-25 pad, and 518 bbls Viking I-25 fluid. Treated @ 4100 avg press of psi w/avg rate of 17.3 BPM. ISIP 2400 psi. Calc. flush: 1430 gal. Actual flush: 1302 gal.
6/12/03	5181'-5252'	<b>Frac B and C sand as follows:</b> 38,341# 20/40 sand in 198 bbls Viking I-25 fluid. Treated @ avg press of 2750 psi w/avg rate of 17.6 BPM. ISIP 1700 psi. Calc. flush: 1323 gal. Actual flush: 1176 gal.
2/17/04		Tubing Leak. Update rod and tubing detail.

## PERFORATION RECORD

4/06/95	5520'-5552'	4 JSPF	128 holes
6/06/95	5089'-5098'	4 JSPF	36 holes
6/06/95	5042'-5051'	4 JSPF	36 holes
7/10/01	4548'-4568'	4 JSPF	80 holes
6/10/03	5978'-5984'	4 JSPF	24 holes
6/10/03	5940'-5944'	4 JSPF	16 holes
6/10/03	5899'-5904'	4 JSPF	20 holes
6/11/03	5820'-5822'	4 JSPF	8 holes
6/11/03	5814'-5816'	4 JSPF	8 holes
6/11/03	5804'-5807'	4 JSPF	12 holes
6/11/03	5788'-5791'	4 JSPF	12 holes
6/11/03	5758'-5770'	4 JSPF	48 holes
6/11/03	5739'-5744'	4 JSPF	20 holes
6/11/03	5716'-5721'	4 JSPF	20 holes
6/11/03	5705'-5710'	4 JSPF	20 holes
6/11/03	5586'-5590'	4 JSPF	16 holes
6/11/03	5562'-5572'	4 JSPF	10 holes
6/11/03	5248'-5252'	4 JSPF	16 holes
6/11/03	5181'-5184'	4 JSPF	12 holes



**Monument Butte Fed. #6-34-8-16**  
1980' FNL & 1980' FWL  
SE/NW Section 34-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31504; Lease #U-62848

## **WORK PROCEDURE FOR INJECTION CONVERSION**

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS  
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

**2.1 The name and address of the operator of the project.**

Newfield Production Company  
1001 17<sup>th</sup> Street, Suite 2000  
Denver, Colorado 80202

**2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

**2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Monument Butte Federal #6-34-8-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

**2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

**2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Monument Butte Federal #6-34-8-16 well, the proposed injection zone is from Garden Gulch to Castle Peak (4311' - 6152'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3975' and the TD is at 6208'.

**2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Monument Butte Federal #6-34-8-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #U-62848) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,  
STORAGE AND ENHANCED RECOVERY WELLS  
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
  - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.
  - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
  - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
  - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
  - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 310' KB, and 5-1/2", 15.5# casing run from surface to 6207' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
  - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
  - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

**The proposed average and maximum injection pressures.**

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1666 psig.

**2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Monument Butte Federal #6-34-8-16, for existing perforations (4548' - 5984') calculates at 0.76 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1666 psig. We may add additional perforations between 3975' and 6208'. See Attachments G and G-1.

**2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Monument Butte Federal #6-34-8-16, the proposed injection zone (4311' - 6152') is in the Garden Gulch to Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

**2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-14.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

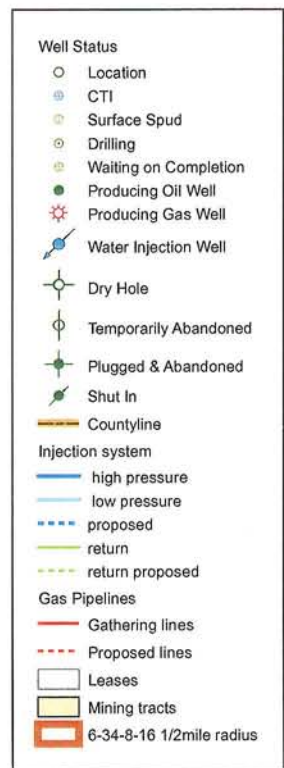
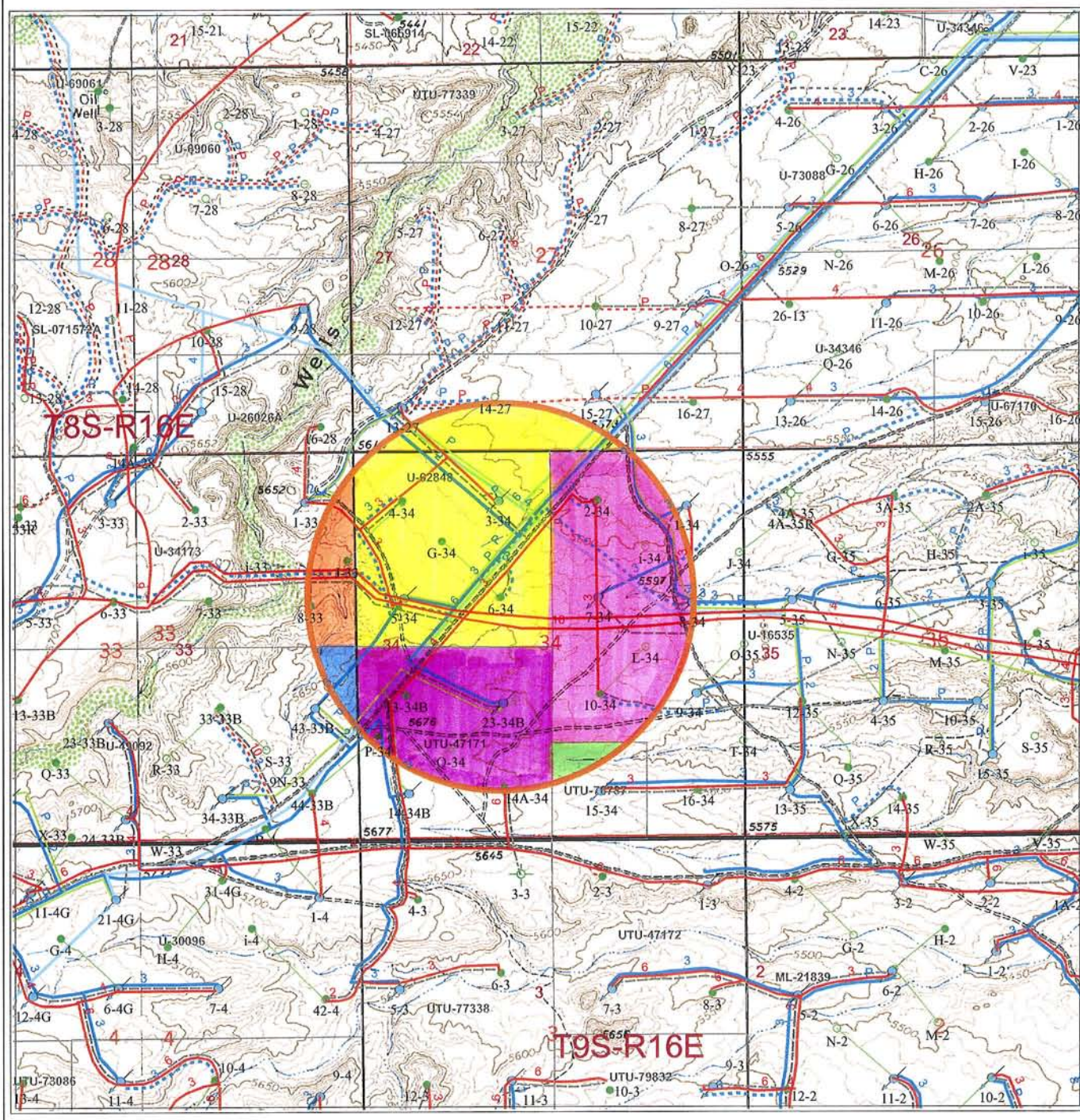
**2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

**2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.





U-62848  
 U-34173  
 U-49092  
 UTU-47171  
 UTU-74787  
 U-10535

Attachment A

Monument Butte 6-34-8-16  
Section 34, T8S-R16E

**NEWFIELD**  
ROCKY MOUNTAINS



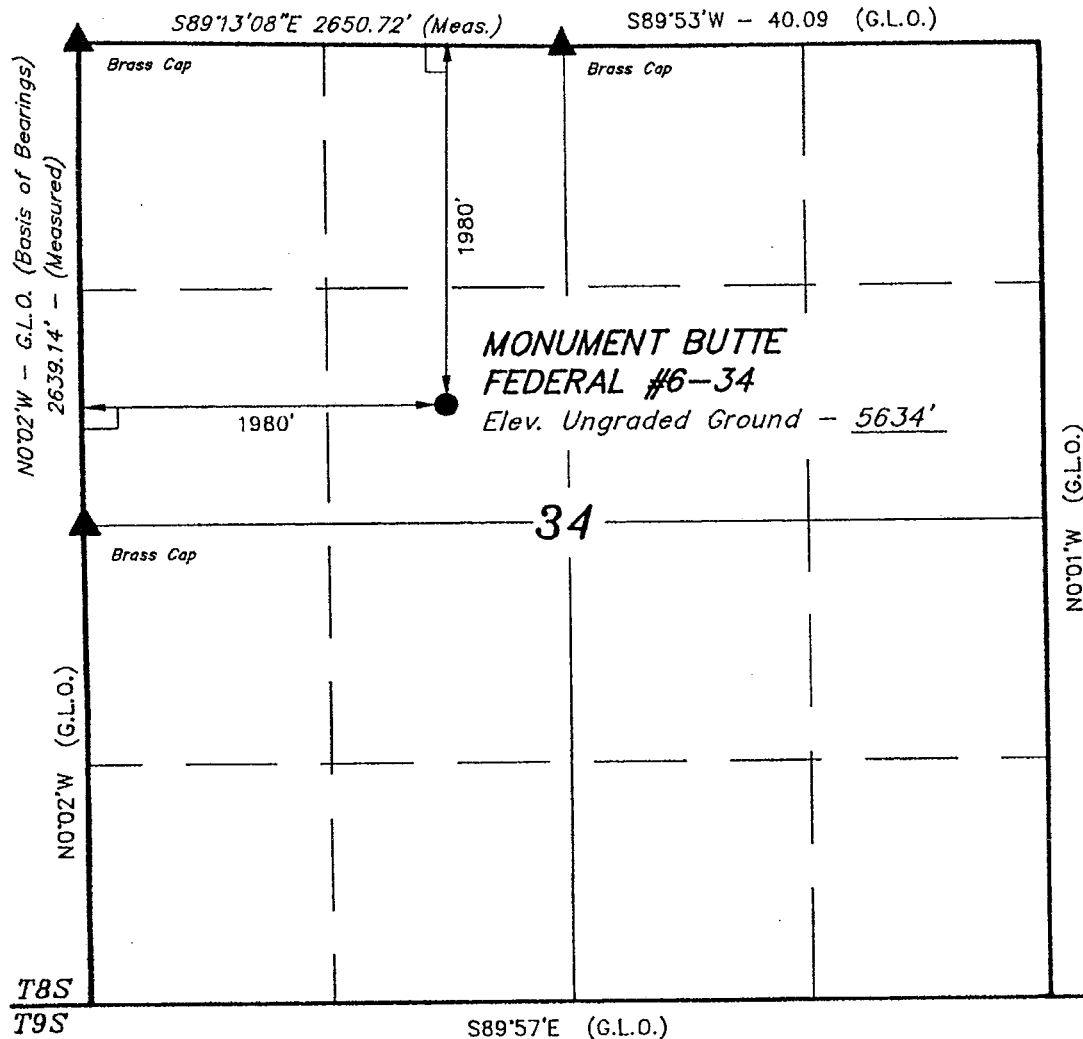
1/2 Mile Radius Map  
Duchesne & Uintah Counties

1001 17th Street Suite 2000  
Denver, Colorado 80202  
Phone: (303) 893-0102

August 18, 2009



T8S, R16E, S.L.B.&amp;M.



## LEGEND:

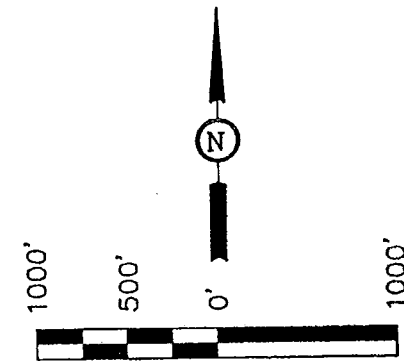
- L = 90° SYMBOL  
 ● = PROPOSED WELL HEAD.  
 ▲ = SECTION CORNERS LOCATED.

## LOMAX EXPLR. CO

Well location, MONUMENT BUTTE FEDERAL #6-34, located as shown in the SE 1/4 NW 1/4 of Section 34, T8S, R16E, Duchesne County, Utah.

## BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 35, T8S, R16E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5424 FEET.



SCALE

## CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME, OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert L. Kay*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 181319  
 STATE OF UTAH

UTAH ENGINEERING & LAND SURVEYING  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 11-7-94	DATE DRAWN: 11-11-94
PARTY B.B. G.S. D.J.S.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE LOMAX EXPLR. CO	



## EXHIBIT B

Page 1 of 3

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1.	<u>Township 8 South, Range 16 East</u> Section 27: S2S2 Section 34: NW	U-62848 HBP	Newfield Production Company 1001 17 <sup>th</sup> St. Suite 2000 Denver, CO 80202 Raymond H. Brennan 104 Lee Lane Bellville, TX 77418 Thomas I Jackson 7710-T Cherry Park PMB 503 Houston, TX 77095 King Oil and Gas of Texas C/O Allan C King 800 Bering Dr. Houston, TX 77057 Beverly Sommer 1025 N Crescent Dr. Beverly Hills, CA 90210	(Surface Rights) USA
2.	<u>Township 8 South, Range 16 East</u> Section 33: N2	U-34173 HBP	Newfield Production Company Newfield RMI, LLC 1001 17 <sup>th</sup> St. Suite 2000 Denver, CO 80202	(Surface Rights) USA
3.	<u>Township 8 South, Range 16 East</u> Section 33: S2	U-49092 HBP	Newfield Production Company Newfield RMI, LLC 1001 17 <sup>th</sup> St. Suite 2000 Denver, CO 80202	(Surface Rights) USA

## EXHIBIT B

Page 2 of 3

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
4.	<u>Township 8 South, Range 16 East</u> Section 34: SW	UTU-47171 HBP	Newfield Production Company 1001 17 <sup>th</sup> St. Suite 2000 Denver, CO 80202 1984 LTD Partnership 1401 17 <sup>th</sup> St Suite 1000 Denver, CO 80202	(Surface Rights) USA
5.	<u>Township 8 South, Range 16 East</u> Section 34: SWSE	UTU-76787 HBP	Newfield Production Company 1001 17 <sup>th</sup> Street Denver, Co. 80202 Beverly Sommer 1025 North Crescent Drive Beverly Hills, CA 90210 King Oil and Gas of Texas C/O Allan C King 800 Bering Dr. Houston, TX 77057	(Surface Rights) USA
6.	<u>Township 8 South, Range 16 East</u> Section 35: ALL Section 34: NE, N2SE, SESE	U-16535 HBP	Newfield Production Company 1001 17 <sup>th</sup> St Suite 2000 Denver, Co 80202 AGK Energy LLC. 38 Nonohe Pl Paia, HI 96779 Raymond H. Brennan 104 Lee Lane Bellville, TX 77418	(Surface Rights) USA

## EXHIBIT B

Page 3 of 3

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
			Marian Brennan 104 Lee Lane Bellville, TX 77418 Davis Bros LLC Davis Resources 110 West 7 <sup>th</sup> St. Suite 1000 Tulsa, OK 74119 Deer Valley Ltd. 800 Bering Drive #305 Houston TX 77057 International Drilling Inc 7710-T Cherry Park PMB 503 Houston, TX 77095 Thomas I Jackson 7710-T Cherry Park PMB 503 Houston, TX 77095 Beverly Sommer 1025 Crescent Drive Beverly Hills, CA 90210 Texas General Offshore Inc 7710-T Cherry Park PMB 503 Houston, TX 77095 Jasper Warren 17350 State Highway 249 Suite 140 Houston, TX 77064-1140 Whitehall Energy Corp 104 Lee Lane Bellville, TX 77418	

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Monument Butte Federal #6-34-8-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: \_\_\_\_\_

*Eric Sundberg*  
Newfield Production Company  
Eric Sundberg  
Regulatory Analyst

Sworn to and subscribed before me this 15<sup>th</sup> day of September, 2009.

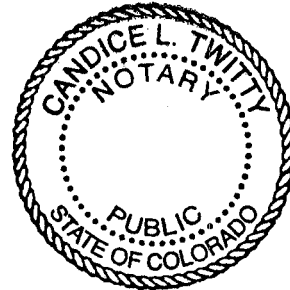
Notary Public in and for the State of Colorado: \_\_\_\_\_

*Candice L Twitty*

My Commission Expires

02/10/2013

My Commission Expires: \_\_\_\_\_



## Monument Butte Fed. #6-34-8-16

Spud Date: 2/28/1995  
Put on Production: 4/09/1995

GL: 5632' KB: 5646'

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
DEPTH LANDED: 310'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 165 sxs Class "G" cement.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
DEPTH LANDED: 6207.42'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 383 sxs Hilift & 307 sxs 10-0 RFC.  
CEMENT TOP AT: 364'

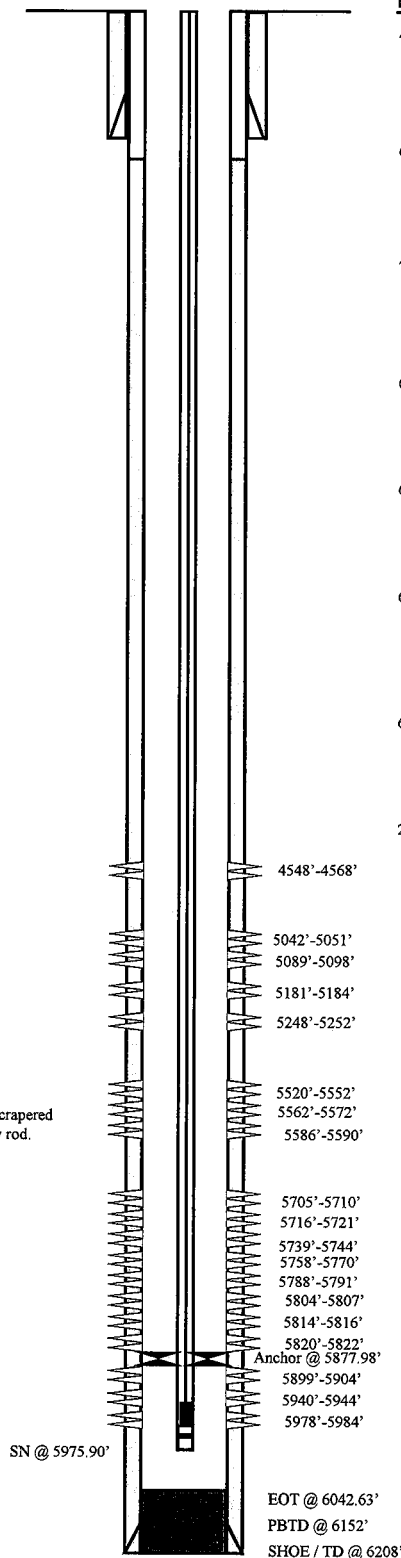
**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 179 jts (5863.98')  
TUBING ANCHOR: 5877.98' KB  
NO. OF JOINTS: 3 jts (95.17')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5975.90' KB  
NO. OF JOINTS: 2 jts (65.18')  
TOTAL STRING LENGTH: EOT @ 6042.63' w/14' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 4- 1 1/2" weight bars; 2 1 5/8" weight bars; 35-3/4" scraped rods; 99-3/4" plain rods, 96-3/4" scraped rods, 1-4' & 2-6' x 3/4" pony rod.  
PUMP SIZE: 2-1/2" x 1-1/2" x 14.5' RHAC w/ sm plunger  
STROKE LENGTH: 101"  
PUMP SPEED, SPM: 3.25 SPM  
LOGS: DIGL/SP/GR/CAL

Wellbore Diagram

**FRAC JOB**

4/06/95 5520'-5552' **Frac A3 sand as follows:**  
97,570# 20/40 sand in 692 bbls Viking I-35 fluid. Treated @ avg press of 2270 psi w/avg rate of 31.5 BPM. ISIP 2380 psi. Calc. flush: 5520 gal. Actual flush: 1260 gal.

6/07/95 5042'-5098' **Frac D sands as follows:**  
77,000# 16/30 sand in 673 bbls KCl frac fluid. Treated @ avg press of 2250 psi w/avg rate of 32 BPM. ISIP 2482 psi. Calc. flush: 5042 gal. Actual flush: 4998 gal.

7/10/01 4548'-4568' **Frac GB-6 sand as follows:**  
100,120# 20/40 sand in 647 bbls Viking I-25 fluid. Treated @ avg press of 2050 psi w/avg rate of 30 BPM. ISIP 2360 psi. Calc. flush: 4548 gal. Actual flush: 4452 gal.

6/10/03 5899'-5984' **Frac CP sand as follows:**  
79,030# 20/40 sand in 630 bbls Viking I-25 fluid. Treated @ avg press of 4000 psi w/avg rate of 16 BPM. ISIP 1885 psi. Calc. flush: 1502 gal. Actual flush: 1386 gal.

6/11/03 5705'-5822' **Frac LODC sand as follows:**  
117,747# 20/40 sand in 900 bbls Viking I-25 fluid. Treated @ avg press of 4400 psi w/avg rate of 17.3 BPM. ISIP 2390 psi. Calc. flush: 1491 gal. Actual flush: 1386 gal.

6/12/03 5520'-5590' **Frac Existing A and LoDC sand as follows:**  
100,632# 20/40 sand in 213 bbls of Viking I-25 pad, and 518 bbls Viking I-25 fluid. Treated @ 4100 avg press of psi w/avg rate of 17.3 BPM. ISIP 2400 psi. Calc. flush: 1430 gal. Actual flush: 1302 gal.

6/12/03 5181'-5252' **Frac B and C sand as follows:**  
38,341# 20/40 sand in 198 bbls Viking I-25 fluid. Treated @ avg press of 2750 psi w/avg rate of 17.6 BPM. ISIP 1700 psi. Calc. flush: 1323 gal. Actual flush: 1176 gal.

2/17/04 Tubing Leak. Update rod and tubing detail.

**PERFORATION RECORD**

Date	Depth Range	Tool Joint	Holes
4/06/95	5520'-5552'	4 JSPF	128 holes
6/06/95	5089'-5098'	4 JSPF	36 holes
6/06/95	5042'-5051'	4 JSPF	36 holes
7/10/01	4548'-4568'	4 JSPF	80 holes
6/10/03	5978'-5984'	4 JSPF	24 holes
6/10/03	5940'-5944'	4 JSPF	16 holes
6/10/03	5899'-5904'	4 JSPF	20 holes
6/11/03	5820'-5822'	4 JSPF	8 holes
6/11/03	5814'-5816'	4 JSPF	8 holes
6/11/03	5804'-5807'	4 JSPF	12 holes
6/11/03	5788'-5791'	4 JSPF	12 holes
6/11/03	5758'-5770'	4 JSPF	48 holes
6/11/03	5739'-5744'	4 JSPF	20 holes
6/11/03	5716'-5721'	4 JSPF	20 holes
6/11/03	5705'-5710'	4 JSPF	20 holes
6/11/03	5586'-5590'	4 JSPF	16 holes
6/11/03	5562'-5572'	4 JSPF	10 holes
6/11/03	5248'-5252'	4 JSPF	16 holes
6/11/03	5181'-5184'	4 JSPF	12 holes

**NEWFIELD**

Monument Butte Fed. #6-34-8-16  
1980' FNL & 1980' FWL  
SE/NW Section 34-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31504; Lease #U-62848

## Monument Butte Federal #4-34-8-16

Spud Date: 10/22/96  
Put on Production: 11/16/96  
GL: 5616' KB: 5629'

Initial Production: 98 BOPD,  
79 MCFPD, 12 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 301.17' (10 jts.)  
DEPTH LANDED: 300.57' GL  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 120 sxs Premium cmt, est 6 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 146 jts. (6172.89')  
DEPTH LANDED: 6160.09'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 380 sk Hibond mixed & 400 sxs thixotropic  
CEMENT TOP AT: 1374' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 tbg  
NO. OF JOINTS: 191 jts (5937.63')  
TUBING ANCHOR: 5950.63'  
NO. OF JOINTS: 1 (30.02')  
SEATING NIPPLE: 2-7/8" (1.11')  
SN LANDED AT: 5983.49'  
NO. OF JOINTS: 1 (28.50')  
TOTAL STRING LENGTH: EOT @ 6013.80'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod  
SUCKER RODS: 95-3/4" scraped rods (B), 109-3/4" plain rods (B), 28-3/4" scraped rods (B), 7-1" scraped rods (B).  
PUMP SIZE: 2-1/2 x 1-1/2 x 12' x 16' RHAC pump  
STROKE LENGTH: 64"  
PUMP SPEED, SPM: 6 SPM

FRAC JOB

11/7/96 5796'-6100' Frac LODC, CP-2 & CP-3 sand as follows:  
127,500# of 20/40 sand in 748 bbls of Boragel. Breakdown @ 3750 psi. Treated @ avg rate of 36 bpm w/avg press of 2200 psi. ISIP-2086, 5-min 1997 psi. Flowback on 12/64" ck for 6 hours and died.

11/11/96 5469'-5498' Frac A-3 sand as follows:  
95,000# of 20/40 sand in 542 bbls of Boragel. Breakdown @ 3024 psi. Treated @ avg rate of 22.2 bpm w/avg press of 1800 psi. ISIP 2352 psi, 5-min 2255 psi. Flowback on 12/64" ck for 4 hours and died.

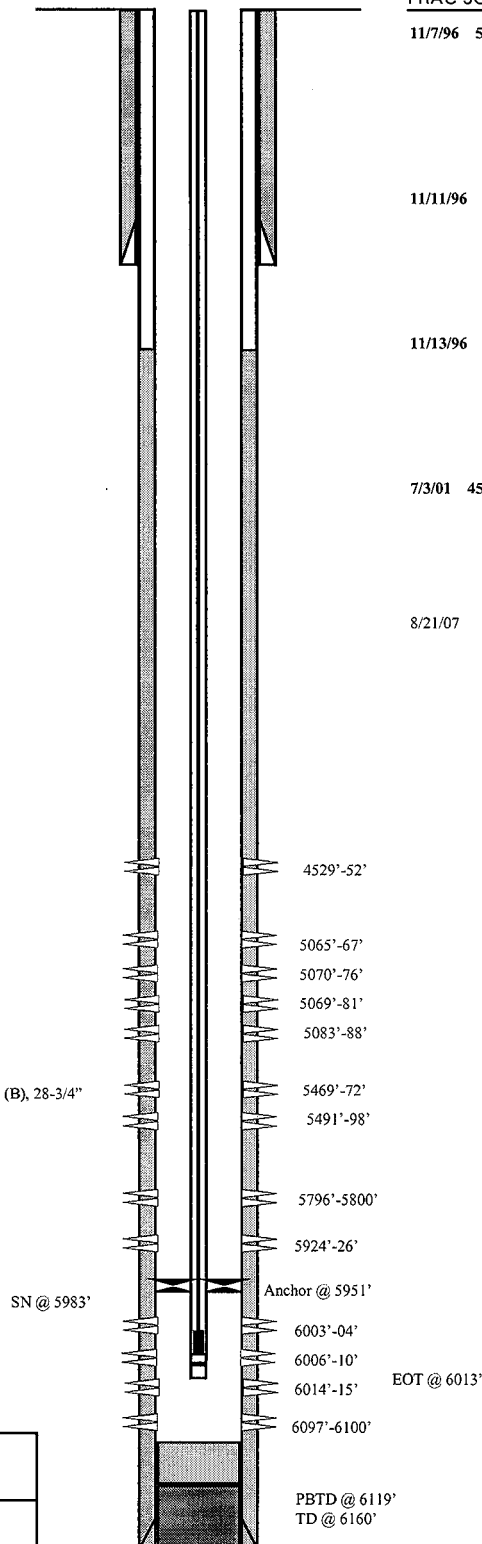
11/13/96 5065'-5088' Frac D-2 sand as follows:  
94,800# of 20/40 sand in 507 bbls of Boragel. Breakdown @ 2209 psi. Treated @ avg rate of 23 bpm w/avg press of 1750 psi. ISIP-2713 psi, 5-min 2591 psi. Flowback on 12/64" ck for 5-1/2 hours and died.

7/3/01 4529'-4552' Frac CB-6 sand as follows:  
97,320# of 20/40 sand in 536 bbls of Viking 1-25 fluid. Treated @ avg rate of 27.5 bpm w/avg press of 2130 psi. ISIP-2480 psi. Flow back on 12/64" ck.

8/21/07 Pump change. Updated rod & tubing details.

PERFORATION RECORD

11/7/96	5796'-5800'	4 JSPF	16 holes
11/7/96	5924'-5926'	4 JSPF	8 holes
11/7/96	6003'-6004'	4 JSPF	4 holes
11/7/96	6006'-6010'	4 JSPF	16 holes
11/7/96	6014'-6015'	4 JSPF	4 holes
11/7/96	6097'-6100'	4 JSPF	12 holes
11/9/96	5469'-5472'	4 JSPF	12 holes
11/9/96	5491'-5498'	4 JSPF	28 holes
11/12/96	5065'-5067'	4 JSPF	8 holes
11/12/96	5070'-5076'	4 JSPF	24 holes
11/12/96	5078'-5081'	4 JSPF	12 holes
11/12/96	5083'-5088'	4 JSPF	20 holes
7/3/01	4529'-4552'	4 JSPF	92 holes



## Monument Butte Federal #4-34

660 FWL &amp; 660 FNL

NWNW Section 34-T8S-R16E

Duchesne Co, Utah

API #43-013-31669; Lease #U-62848

Spud Date: 10/10/95  
 Put on Production: 12/18/1995  
 Put on Injection: 10/7/97  
 GL: 5603' KB: 5617'

# Monument Butte Fed. 3-34-8-16

Initial Production: 73 BOPD,  
 155 MCFD, 23 BWPD

## SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 DEPTH LANDED: 313' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 260 sxs Premium cement.

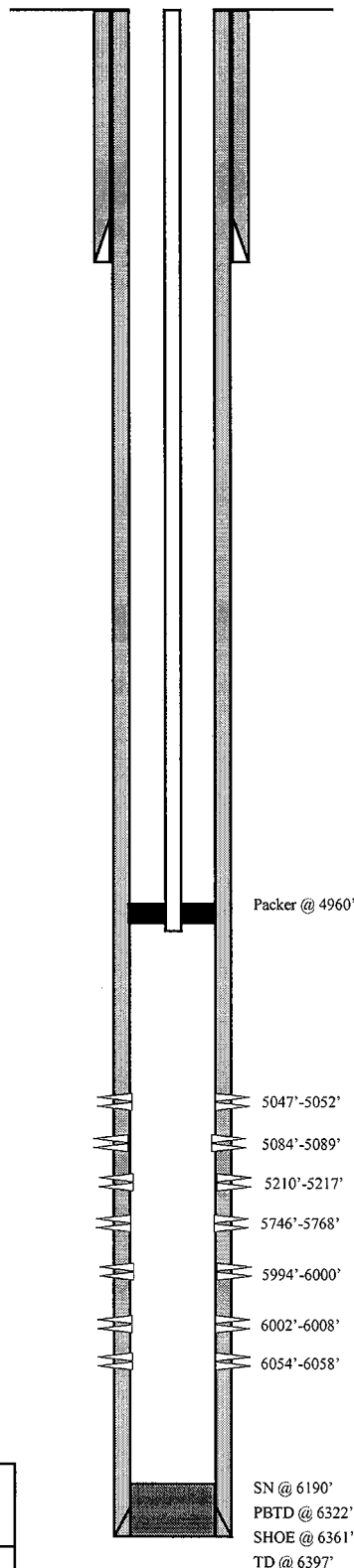
## PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 17#  
 DEPTH LANDED: 6244' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 255 sxs Hyfill & 370 sxs Thixotropic.  
 CEMENT TOP AT: ? per CBL

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 158 jts  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT:  
 NO. OF JOINTS: 1 jt  
 PACKER AT: 4960' KB  
 TOTAL STRING LENGTH: EOT @ 4960' KB

## Injection Wellbore Diagram



## FRAC JOB

12/07/95	5944'-6058'	<b>Frac CP sand as follows:</b> Totals 111,300# 20/40 sd., 775 bbls Boragel, ISIP 2,017, after 5 min 1,935.
12/08/95	5746'-5768'	<b>Frac LODC sand as follows:</b> Totals 79,100# 20/40 sd., 592 bbls Boragel Avg TP 2,200 @ 31 BPM. ISIP 2,489, after 5 min 2,340
12/10/95	5210'-5217'	<b>Frac C sands as follows:</b> Totals 47,600# 20/40 sd., 424 bbls Boragel Avg TP 1,950 @ 20 BPM. ISIP 2,484, after 5 min 2,441.
12/14/95	5047'-5089'	<b>Frac D sands as follows:</b> Totals 64,700# 20/40 sd., 551 bbls Boragel Avg TP 2,220 @ 31 BPM. ISIP 2,615, after 5 min 2,747.
10/02/97		Convert to injector.
8/31/07		5 Year MIT completed and submitted.

## PERFORATION RECORD

12/06/95	6054'-6058'	4 JSPF	16 holes
12/06/95	6002'-6008'	4 JSPF	24 holes
12/06/95	5994'-6000'	4 JSPF	24 holes
12/08/95	5746'-5768'	4 JSPF	88 holes
12/10/95	5210'-5217'	4 JSPF	28 holes
12/13/95	5084'-5089'	4 JSPF	20 holes
12/13/95	5047'-5052'	4 JSPF	20 holes

**NEWFIELD**

**Monument Butte Federal #3-34-8-16**  
 1980 FWL & 660 FNL  
 SWNW Section 34-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31518; Lease #U-62848

## Monument Butte 2-34-8-16

Spud Date: 3/19/97  
Put on Production: 6/10/97  
GL: 5591' KB: 5603'

Initial Production: 45 BOPD,  
64 MCFPD, 8 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 287.30' (7 jts.)  
DEPTH LANDED: 287.30' GL  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 120 sxs Premium cmt, w/8 bbls cmt to surface.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 146 jts.  
DEPTH LANDED: 6138'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 420 sk Hibond mixed & 370 sxs thixotropic  
CEMENT TOP AT: 478' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
NO. OF JOINTS: 190 jts (5910.85')  
TUBING ANCHOR: 5916.92'  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5919.72'  
NO. OF JOINTS: 1 jt (31.22')  
TOTAL STRING LENGTH: EOT @ 5952.49' W/12' KB

SUCKER RODS

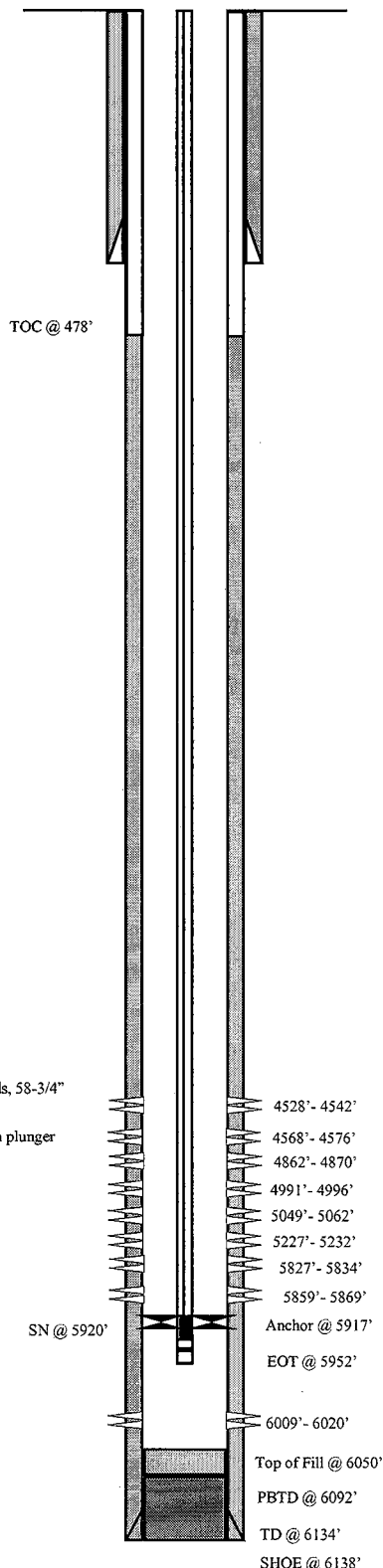
POLISHED ROD: 1-1/2" x 22' polished rod  
SUCKER RODS: 1-2' x 1-8" x 3/4" pony rod, 100-3/4" scraped rods, 58-3/4" plain rods, 71-3/4" scraped rods, 1-1 1/2", 5-1 5/8" weight rods  
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12' x 15 1/2" RHAC pump W/sm plunger  
STROKE LENGTH: 74"  
PUMP SPEED, SPM: 5 SPM

FRAC JOB

5/28/97	6009'-6020'	<b>Frac CP-2 sand as follows:</b> 103,400# of 20/40 sans in 526 bbls of Boragel. Perfs broke @ 2159 psi. Treated @ avg rate of 26 bpm w/avg press of 1900 psi. ISIP-2295, 5-min 2084 psi. Flowback on 12/64" ck for 3-1/2 hours and died.
5/29/97	5827'-5869'	<b>Frac LODC sand as follows:</b> 113,100# of 20/40 sand in 541 bbls of Boragel. Perfs broke @ 3212 psi. Treated @ avg rate of 28 bpm w/avg press of 2980 psi. Screened out w/8.9# sand on perfs w/1166 gal left to flush. Had 101,800# sand in perfs and 11,300# sand left in csg. ISIP-3836 psi, 5-min 2601 psi. Flowback on 12/64" ck for 4 hours and died.
6/2/97	5227'-5232'	<b>Frac C sand as follows:</b> 102,000# of 20/40 sand in 477 bbls Boragel. Perfs broke @ 2680 psi. Treated @ avg rate of 25 bpm w/avg press of 2680 psi. Screened out w/820 gal of flush left to pump, reduced rate and flushed remainder of flush. ISIP-3438 psi, 5-min 2311 psi. Flowback on 12/64" ck for 2-1/2 hours and died.
6/4/97	4991'-5062'	<b>Frac D-1 &amp; D-S3 sand as follows:</b> 101,300# of 20/40 sand in 490 bbls of Boragel. Perfs broke @ 3180 psi. Treated @ avg rate of 26.5 bpm w/avg press of 2400 psi. ISIP-2900 psi, 5-min 2853 psi. Flowback on 12/64" ck for 2-1/2 hours and died.
6/11/01	4862'-4870'	<b>Frac X-Stray sand as follows:</b> 19,674# of 20/40 sand in 216 bbls of Viking 1-25. Treated w/avg press of 3480 psi. @ 28 BPM. Screened out.
6/13/01	4528'-4576'	<b>Frac GB-4 sand as follows:</b> 124,397# of 20/40 sand in 771 bbls of Viking 1-25. Treated w/avg press of 2340 psi. @ 31.5 BPM. ISIP - 2415 psi. Flow back 6 hours then died.
5/15/03		Stuck pump. Update tubing and rod detail.
6/28/03		Parted Rods. Update rod detail.
05/29/08		major workover. Updated rod and tubing
5/15/09		Parted rods. Updated r & t details.

PERFORATION RECORD

5/27/97	6009'-6020'	4 JSPF	44 holes
5/29/97	5827'-5834'	4 JSPF	28 holes
5/29/97	5859'-5869'	4 JSPF	40 holes
5/31/97	5227'-5232'	4 JSPF	20 holes
6/3/97	4991'-4996'	4 JSPF	20 holes
6/3/97	5049'-5062'	4 JSPF	52 holes
6/11/01	4862'-4870'	4 JSPF	56 holes
6/13/01	4568'-4576'	4 JSPF	32 holes
6/13/01	4528'-4542'	4 JSPF	32 holes



NEWFIELD

Monument Butte 2-34-8-16

660 FNL &amp; 1982 FEL

NW/NE Section 34-T8S-R16E

Duchesne Co, Utah

API #43-013-31745; Lease #UTU-16535



## Travis Fed. #J-33-8-16

Spud Date: 7/17/08  
Put on Production: 8/25/08  
GL: 5563' KB: 5575'

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (313.64')  
DEPTH LANDED: 325.49'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: To surface with 160 sx Class 'G' cmt

**PRODUCTION CASING**

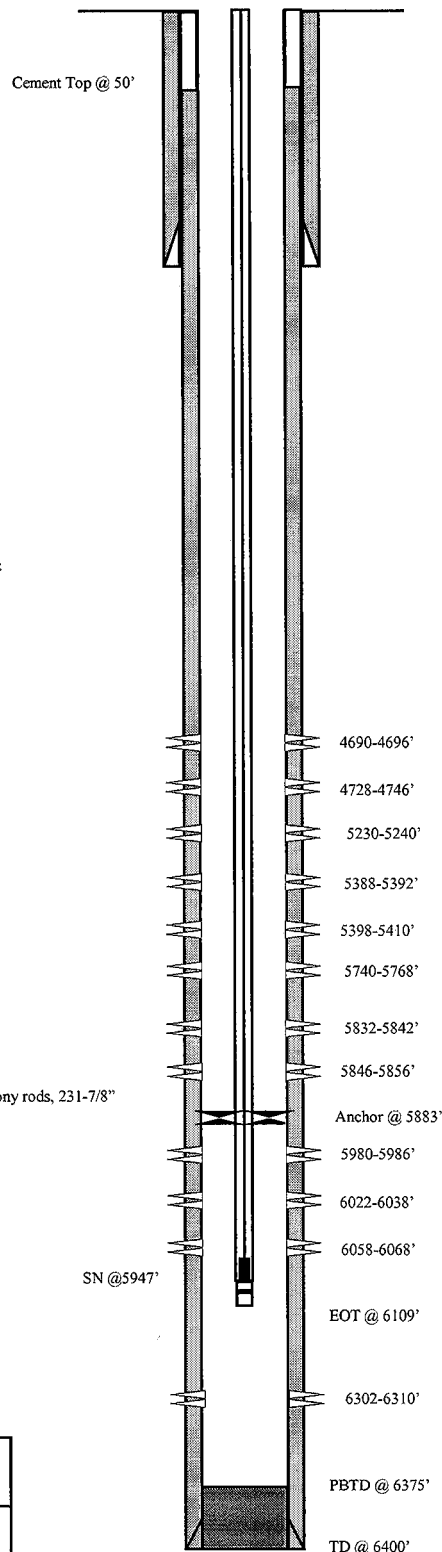
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 162 jts  
DEPTH LANDED: 6390.86'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 325 sx Premlite II and 450 sx 50/50 Poz  
CEMENT TOP AT: 50'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 191 jts (5870.89')  
TUBING ANCHOR: 5882.89'  
NO. OF JOINTS: 2 jts (61.92')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5947.61'  
NO. OF JOINTS: 1 jts (30.92')  
TOTAL STRING LENGTH: EOT @ 6108.68'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 26' polished rod  
SUCKER RODS: 1 1/2" x 26' polished rod, 1-4', 6', 8' x 7/8" pony rods, 231-7/8" guided rods (8 per), 4-1 1/8" weight bars  
PUMP SIZE: 2 1/2" x 1 3/4" x 16' x 19' RHAC pump CDI  
STROKE LENGTH: 84"  
PUMP SPEED, SPM: 5

**Wellbore Diagram****FRAC JOB**

8/14/08	6302-6310'	<b>Frac CP5 sds as follows:</b> Frac w/24,029# 20/40 sand in 419 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2445 psi w/ ave rate of 21.5 BPM. ISIP 2267 psi. Actual flush: 5796 gals.
8/14/08	6058-6068'	<b>Frac CP2, CP1 &amp; CP.5 sds as follows:</b> Frac w/99,661# 20/40 sand in 776 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1966 psi w/ ave rate of 22.4 BPM. ISIP 2184 psi. Actual flush: 5515 gals.
8/14/08	5832-5842'	<b>Frac LODC sds as follows:</b> Frac w/42,105# 20/40 sand in 446 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2325 psi w/ ave rate of 21.2 BPM. ISIP 2519 psi. Actual flush: 5410 gals.
8/14/08	5740-5768'	<b>Frac LODC sds as follows:</b> Frac w/79,304# 20/40 sand in 643 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2428 psi w/ ave rate of 21.5 BPM. ISIP 3098 psi. Actual flush: 5250 gals.
8/15/08	5388-5392'	<b>Frac B2 sds as follows:</b> Frac w/51,086# 20/40 sand in 489 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2120 psi w/ ave rate of 21.0 BPM. ISIP 2471 psi. Actual flush: 4880 gals.
8/15/08	5230-5240'	<b>Frac C sds as follows:</b> Frac w/33,904# 20/40 sand in 373 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2354 psi w/ ave rate of 21.3 BPM. ISIP 3630 psi. Actual flush: 4641 gals.
8/15/08	4690-4696'	<b>Frac PB7/PB8 sds as follows:</b> Frac w/73,012# 20/40 sand in 595 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2462 psi w/ ave rate of 22.2 BPM. ISIP 2830 psi. Actual flush: 4303 gals.

**PERFORATION RECORD**

8/15/08	4690-4696'	4 JSPF	24 holes
8/15/08	4728-4746'	4 JSPF	72 holes
8/15/08	5230-5240'	4 JSPF	40 holes
8/14/08	5388-5392'	4 JSPF	16 holes
8/14/08	5398-5410'	4 JSPF	48 holes
8/14/08	5740-5768'	4 JSPF	112 holes
8/14/08	5832-5842'	4 JSPF	40 holes
8/14/08	5846-5856'	4 JSPF	40 holes
8/14/08	5980-5986'	4 JSPF	24 holes
8/14/08	6022-6038'	4 JSPF	64 holes
8/14/08	6058-6068'	4 JSPF	40 holes
8/14/08	6302-6310'	4 JSPF	32 holes

**NEWFIELD****Travis Federal #J-33-8-16**

681' FNL &amp; 659' FEL

NW/NW Section 33-T8S-R16E

Duchesne Co, Utah

API #43-013-33707; Lease #UTU-34173

## Travis Federal G-34-8-16

Spud Date: 4/29/09  
Put on Production: 6/16/09  
GL: 5635' KB: 5647'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (269.36')  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 163 jts. (6473.94')  
HOLE SIZE: 7-7/8"  
TOTAL DEPTH: 6500'  
CEMENT DATA: 280 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.  
CEMENT TOP AT: 20'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 196 jts (6082')  
TUBING ANCHOR: 6084'  
NO. OF JOINTS: 1 jts (31.1')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 6117' KB  
NO. OF JOINTS: 2 jts (61.8')  
TOTAL STRING LENGTH: EOT @ 6179' w/12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 30'  
SUCKER RODS: 1-2", 6' x 7/8" pony rods, 239- 7/8" guided rods, 1-6', 4- 1 1/2" weight rods  
PUMP SIZE: 2-1/2" x 1-3/4" x 20' x 24' RHAC rod pump  
STROKE LENGTH: 144"  
PUMP SPEED, SPM: 5

FRAC JOB

06-16-09 6102-6106' **Frac CP2 sands as follows:**  
Frac with 24996 #'s of 20/40 sand in 203 bbls Lightning 17 fluid. Treat at an ave pressure of 2835 psi @ 23 BPM. ISIP 19080 psi.

06-26-08 6712-6740' **Frac CP5 sands as follows:**  
Frac with 34608 #'s of 20/40 sand in 453 bbls Lightning 17 fluid. Treat at an ave pressure 3041 psi @ 23.2 BPM. ISIP 3214 psi.

06-16-09 5824-5882' **Frac CP3 sands as follows:**  
Frac with 60548 #'s of 20/40 sand in 359 bbls Lightning 17 fluid. Treat at an ave pressure of 2539 psi @ 23 BPM. ISIP 2164 psi.

06-26-08 6464-6516' **Frac CP2 sands as follows:**  
Frac with 80350 #'s of 20/40 sand in 649 bbls Lightning 17 fluid. Treat at an ave pressure of 2035 psi @ 23.1 BPM. ISIP 1642 psi.

06-16-09 5580-5632' **Frac A.5 & A3 sands as follows:**  
Frac with 29961 #'s of 20/40 sand in 245 bbls Lightning 17 fluid. Treat at an ave pressure of 2260 psi @ 23 BPM. ISIP 2260 psi.

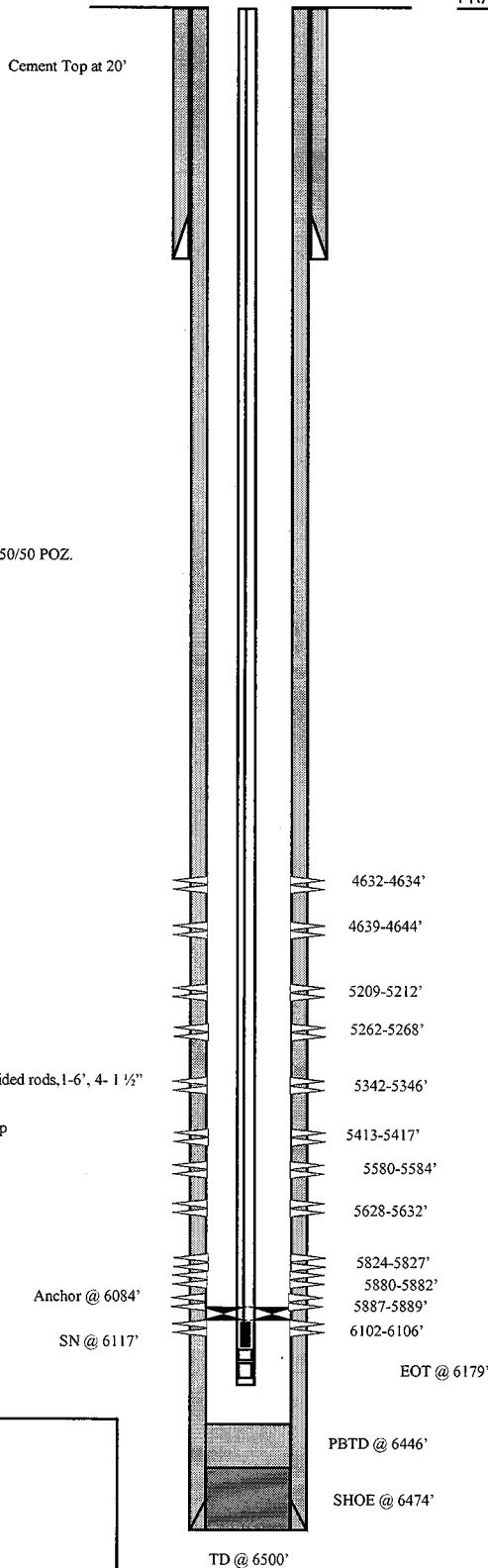
06-16-09 5342-5417' **Frac B.5 & B1 sands as follows:**  
Frac with 24876 #'s of 20/40 sand in 205 bbls Lightning 17 fluid. Treat at an ave pressure of 2453 psi @ 23 BPM. ISIP 2188 psi.

06-16-09 5262-5212' **Frac C & D3 sands as follows:**  
Frac with 70275 #'s of 20/40 sand in 358 bbls Lightning 17 fluid. Treat at an ave pressure of 2389 psi @ 26 BPM. ISIP 3502 psi.

06-16-09 4632-4644' **Frac GB6 sands as follows:**  
Frac with 71930 #'s of 20/40 sand in 391 bbls Lightning 17 fluid. Treat at an ave pressure of 2713 psi @ 26 BPM. ISIP 3233 psi.

PERFORATION RECORD

6102-6106'	3 JSPF	12 holes
5887-5889'	3 JSPF	6 holes
5880-5882'	3 JSPF	6 holes
5824-5827'	3 JSPF	9 holes
5628-5632'	3 JSPF	12 holes
5580-5584'	3 JSPF	12 holes
5413-5417'	3 JSPF	12 holes
5342-5346'	3 JSPF	12 holes
5262-5268'	3 JSPF	18 holes
5209-5212'	3 JSPF	9 holes
4639-4644'	3 JSPF	15 holes
4632-4634'	3 JSPF	6 holes



**Travis Federal G-34-8-16**  
1984' FNL & 1959' FWL  
SENW Section 34-T8S-R16E  
Duchesne Co, Utah  
API #43-013-33935; UTU-62848

## Travis Fed. #8-33-8-16

Spud Date: 1/9/1996  
Put on Production: 2/4/1996

GL: 5594' KB: 5607'

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
DEPTH LANDED: 302'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 170 sxs Type V + 100 sxs Neat

**PRODUCTION CASING**

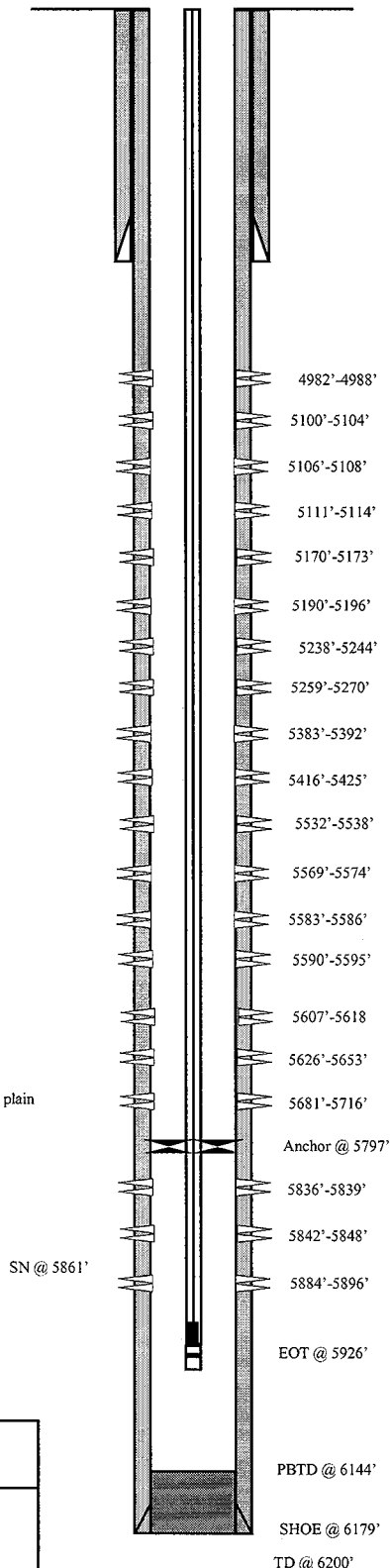
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
DEPTH LANDED: 6179'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 260 sxs Hifill & 320 sxs Thixotropic.  
CEMENT TOP AT: ? per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 184 jts (5783.74')  
TUBING ANCHOR: 5796.74'  
NO. OF JOINTS: 2 jts (61.76')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: (5861.30')  
NO. OF JOINTS: 2 jts (63')  
TOTAL STRING LENGTH: EOT @ 5925.85'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 6-1 1/2" weight bars; 71- 3/4" guided rods; 62- 3/4" plain rods, 94- 3/4" guided rods, 2', 4', x 3/4" pony rods.  
PUMP SIZE: 2 1/2" x 1 1/2" x 10' x 14' RHAC  
STROKE LENGTH: 64"  
PUMP SPEED, SPM: 4 SPM

**Wellbore Diagram****FRAC JOB**

1/26/96	5884'-5896'	<b>Frac CP sand as follows:</b> 69,900# 20/40 sand in 558 bbls fluid. Treated @ avg press of 1600 psi w/avg rate of 26 BPM. ISIP 2009 psi. Calc flush: 5884 gal, Actual flush: 5806 gal.
1/29/96	5569'-5653'	<b>Frac LODC sand as follows:</b> 144,900# 20/40 sand in 970 bbls fluid. Treated @ avg press of 2800 psi w/avg rate of 37 BPM. ISIP 2921 psi. Calc flush: 5569 gal, Actual flush: 5493 gal.
1/31/96	5383'-5425'	<b>Frac A sand as follows:</b> 77,200# 20/40 sand in 585 bbls fluid. Treated @ avg press of 2290 psi w/avg rate of 32 BPM. ISIP 2412 psi. Calc flush: 5383 gal, Actual flush: 5284 gal.
2/01/96	5238'-5270'	<b>Frac B sand as follows:</b> 64,200# 20/40 sand in 494 bbls fluid. Treated @ avg press of 2130 psi w/avg rate of 20.7 BPM. ISIP 2130 psi. Calc flush: 5238 gal, Actual flush: 5174 gal.
6/07/02	5836'-5848'	<b>Frac CP 0.5 sand as follows:</b> 18,500# 20/40 sand in 163 bbls fluid. Treated @ avg press of 3625 psi w/avg rate of 15.9 BPM. ISIP 2180 psi. Calc flush: 1473 gal, Actual flush: 1386 gal.
6/07/02	5681'-5716'	<b>Frac LODC sand as follows:</b> 60,000# 20/40 sand in 390 bbls fluid. Treated @ avg press of 3700 psi w/avg rate of 11.2 BPM. ISIP 3670 psi. Calc flush: 1384 gal, Actual flush: 1302 gal.
6/07/02	5532'-5653'	<b>Frac LODC sand as follows:</b> 134,420# 20/40 sand in 820 bbls fluid. Treated @ avg press of 5250 psi w/avg rate of 19.7 BPM. ISIP 3650 psi. Calc flush: 1394 gal, Actual flush: 1302 gal.
6/08/02	5100'-5196'	<b>Frac C sands as follows:</b> 54,200# 20/40 sand in 221 bbls fluid. Treated @ avg press of 2250 psi w/avg rate of 26.5 BPM. ISIP 2600 psi. Calc flush: 5100 gal, Actual flush: 4998 gal.
6/08/02	4982'-4988'	<b>Frac D sand as follows:</b> 34,220# 20/40 sand in 221 bbls fluid. Treated @ avg press of 2050 psi w/avg rate of 24.1 BPM. ISIP 2250 psi. Calc flush: 4982 gal, Actual flush: 4918 gal.
10-19-07		Tubing Leak. Updated rod & tubing details.

**Parted rods update:****PERFORATION RECORD**

1/26/96	5884'-5896'	4 JSPF	48 holes
1/27/96	5626'-5653'	4 JSPF	108 holes
1/27/96	5607'-5618	4 JSPF	44 holes
1/27/96	5590'-5595'	4 JSPF	20 holes
1/27/96	5583'-5586'	4 JSPF	12 holes
1/27/96	5569'-5574'	4 JSPF	20 holes
1/31/96	5416'-5425'	4 JSPF	36 holes
1/31/96	5383'-5392'	4 JSPF	36 holes
2/01/96	5259'-5270'	4 JSPF	44 holes
2/01/96	5238'-5244'	4 JSPF	24 holes
6/06/02	5842'-5848'	4 JSPF	24 holes
6/06/02	5836'-5839'	4 JSPF	12 holes
6/06/02	5681'-5716'	2 JSPF	70 holes
6/06/02	5532'-5538'	4 JSPF	24 holes
6/08/02	5190'-5196'	4 JSPF	24 holes
6/08/02	5170'-5173'	4 JSPF	12 holes
6/08/02	5111'-5114'	4 JSPF	12 holes
6/08/02	5106'-5108'	4 JSPF	08 holes
6/08/02	5100'-5104'	4 JSPF	16 holes
6/08/02	4982'-4988'	4 JSPF	24 holes

**Travis Federal #8-33-8-16**

2073' FNL & 623' FEL

SENE Section 33-T8S-R16E

Duchesne Co, Utah

API #43-013-31503; Lease #U-34173

Spud Date: 7/17/95  
 Put on Production: 9/12/95  
 Put on Injection: 10/7/97  
 GL: 5631' KB: 5644'

# Monument Butte Fed. #5-34-8-16

Initial Production: 218 BOPD,  
 124 MCFD, 9 BWPD

## SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (298')  
 DEPTH LANDED: 296' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Class "G" cmt, est 4 bbls cmt to surf.

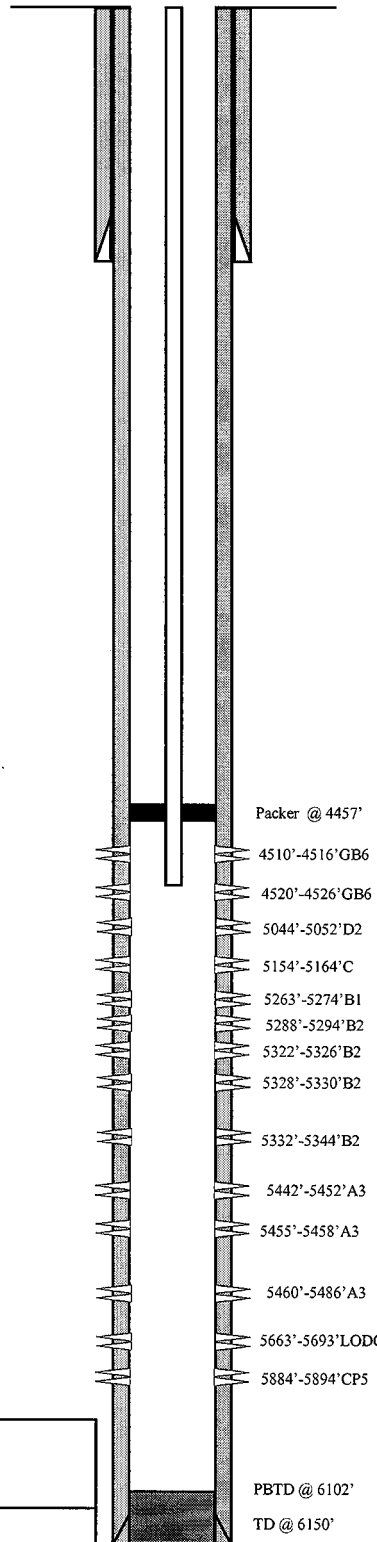
## PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: ? jts. (6152')  
 DEPTH LANDED: 6148' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 340 sxs Hifill & 345 sxs Cal-Seal.  
 CEMENT TOP AT: ? per CBL

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 140 jts (4440.03')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4453.03' KB  
 PACKER AT: 4457.48' KB  
 TOTAL STRING LENGTH: EOT @ 4461.68' KB

## Injection Wellbore Diagram



## FRAC JOB

8/30/95	5663'-5693'	<b>Frac zone as follows:</b> 14,933# 20/40 sand + 130,948# 16/30 sand in 738 bbls Boragel frac fluid. Treated @ avg press of 2650 psi w/avg rate of 33 BPM. ISIP 2970 psi. Calc flush: 5663 gal. Actual flush: 5628 gal.
9/01/95	5442'-5486'	<b>Frac zone as follows:</b> 88,000# 20/40 sand + 40,000# 16/30 sand in 548 bbls Gelled frac fluid. Treated @ avg press of ? psi w/avg rate of ? BPM. ISIP 2030 psi. Calc flush: 5442 gal. Actual flush: 5398 gal.
9/03/95	5263'-5344'	<b>Frac zone as follows:</b> 58,000# 16/30 sand in 548 bbls Gelled frac fluid. Treated @ avg press of ? psi w/avg rate of ? BPM. ISIP 3537 psi. Calc flush: 5263 gal. Actual flush: 1519 gal.
9/08/95	5044'-5052'	<b>Frac zone as follows:</b> 52,000# 16/30 sand in 459 bbls Gelled frac fluid. Treated @ avg press of ? psi w/avg rate of ? BPM. ISIP 2097 psi. Calc flush: 5044 gal. Actual flush: 5000 gal.
9/27/97		Convert to injector.
7-13-05		Re-completion and MIT.
	5884'-5894'	<b>Frac zone as follows:</b> 19,640# 16/30 sand in 209 bbls of Lightning 17 frac fluid. Treated @ avg press of 2970 psi w/avg rate rate of 14.3 BPM. ISIP 1725 psi. Calc flush: 1589 gal. Actual flush: 1470 gal.
7-13-05	5154'-5164'	<b>Frac zone as follows:</b> 14,568# 20/40 sand in 172 bbls of Lightning 17 frac fluid. Treated @ avg press of 3359 psi w/avg rate of 14.3 BPM. ISIP 2850 psi. Calc flush: 1820 gal. Actual flush: 1218 gal.
7-14-05	4510'-4526'	<b>Frac zone as follows:</b> 14,210# 20/40 sand in 181 bbls of Lightning 17 frac fluid. Treated @ avg press of 3059 psi w/avg rate of 14.2 BPM. ISIP 2000 psi. Calc flush: 1166 gal. Actual flush: 1134 gal.
11/15/06		<b>Workover: Acidize B2 sands</b>

## PERFORATION RECORD

8/29/95	5663'-5693'	4 JSPF	120 holes
8/31/95	5460'-5486'	4 JSPF	104 holes
8/31/95	5455'-5458'	4 JSPF	12 holes
8/31/95	5442'-5452'	4 JSPF	40 holes
9/2/95	5332'-5344'	4 JSPF	48 holes
9/2/95	5328'-5330'	4 JSPF	24 holes
9/2/95	5322'-5326'	4 JSPF	16 holes
9/2/95	5263'-5274'	4 JSPF	44 holes
9/7/95	5044'-5052'	4 JSPF	32 holes



Monument Butte Fed. #5-34-8-16  
 1980' FSL & 660' FWL  
 SWNW Section 34-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31499; Lease #U-62848

## Monument Butte Fed. #7-34-8-16

Spud Date: 11/7/1994  
Put on Production: 12/10/94

GL: 5617' KB: 5632'

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (300')  
DEPTH LANDED: 300'  
HOLE SIZE: 12-1/4"  
CEMENT DATA:

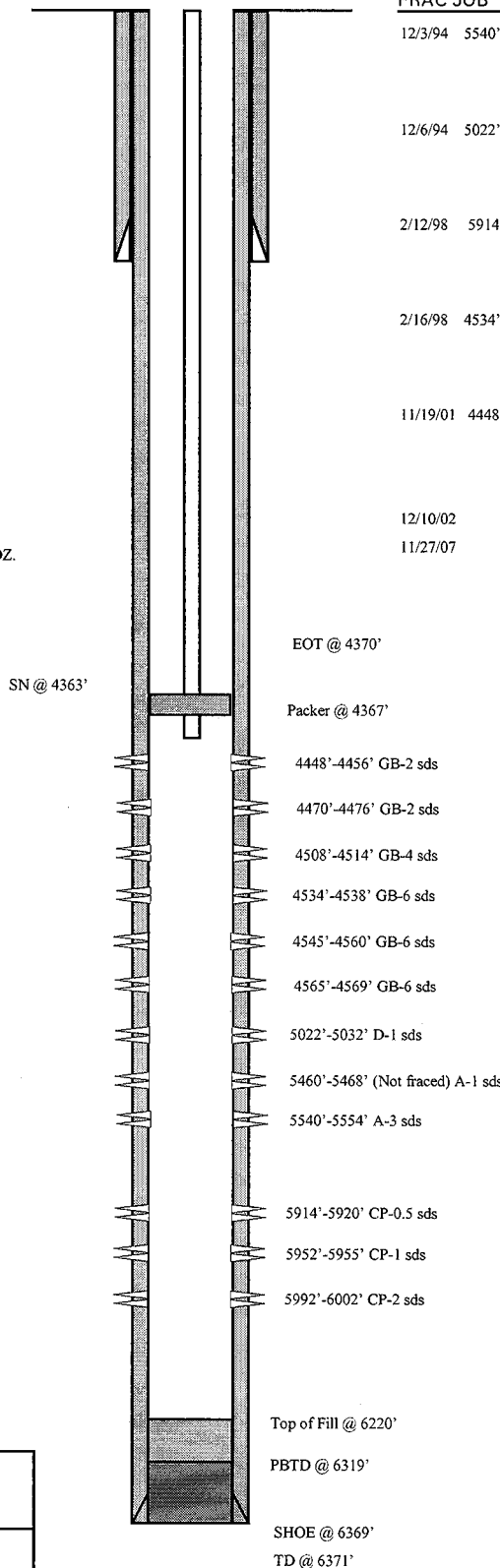
PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: K-55  
WEIGHT: 15.5#  
LENGTH: (6369')  
DEPTH LANDED: 6369'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 350 sk Prem. Lite II mixed & 550 sxs 50/50 POZ.  
CEMENT TOP AT: 528' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 133 jts (4346.38')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4362.63' KB  
PACKER: 4366.93'  
TOTAL STRING LENGTH: EOT @ 4370'

Injection  
Wellbore Diagram



Initial Production: 65 BOPD,  
41 MCFD, 8 BWPD

FRAC JOB

12/3/94 5540'-5554' **Frac A-3 sand as follows:**  
80,000# 20/40 sand in 724 bbls fluid.  
Treated @ avg press of 2000 psi w/avg  
rate of 5 BPM. ISIP 1870 psi.

12/6/94 5022'-5032' **Frac D-1 sand as follows:**  
80,000# 20/40 sand in 747 bbls fluid.  
Treated @ avg press of 1950 psi w/avg  
rate of 30 BPM. ISIP 2054 psi. 12/3/94

2/12/98 5914'-6002' **Frac CP sand as follows:**  
68,900# 20/40 sand in 334 bbls fluid.  
Treated @ avg press of 7700 psi w/avg  
rate of 26 BPM. Tubing ruptured.

2/16/98 4534'-4569' **Frac GB-6 sand as follows:**  
104,300# 20/40 sand in 488 bbls fluid.  
Treated @ avg press of 2180 psi w/avg  
rate of 26 BPM. ISIP 2643 psi.

11/19/01 4448'-4514' **Frac GB-4,2 sands as follows:**  
63,360# 20/40 sand in 589 bbls fluid.  
Treated @ avg press of 2210 psi w/avg  
rate of 20.1 BPM. ISIP 2155 psi. Flowed  
4.5 hours then died.

12/10/02 Ready for MIT.

11/27/07 5 Year MIT completed and submitted.

PERFORATION RECORD

12/02/94	5540'-5554'	4 JSPF	56 holes
12/05/94	5022'-5032'	4 JSPF	40 holes
02/11/98	5914'-5920'	4 JSPF	24 holes
02/11/98	5952'-5955'	4 JSPF	12 holes
02/11/98	5992'-6002'	4 JSPF	40 holes
02/14/98	4534'-4538'	4 JSPF	16 holes
02/14/98	4545'-4560'	4 JSPF	60 holes
02/14/98	4565'-4569'	4 JSPF	16 holes
11/16/01	4448'-4456'	4 JSPF	32 holes
11/16/01	4470'-4476'	4 JSPF	24 holes
11/16/01	4508'-4514'	4 JSPF	24 holes
11/16/01	5460'-5468'	4 JSPF	32 holes

**NEWFIELD**

**Monument Butte Fed. #7-34-8-16**  
1980' FNL & 1980' FEL  
SWNE Section 34-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31471; Lease #U-16535

## Monument Butte Fed. #8-34-8-16

Spud Date: 2/28/1984  
 Put on Production: 3/1/1984  
 Put on Injection: 3/25/1994  
 Convert to Producer: 4/18/01  
 GL: 5617' KB: 5627'

Initial Production: 35 BOPD,  
 139 MCFD, 0 BWPD

SURFACE CASING

CSG SIZE: 8-5/8" / J-55 / 24#  
 LENGTH: 6 jts. (279')  
 DEPTH LANDED: 302'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 210 sxs Class "G" cmt.

PRODUCTION CASING

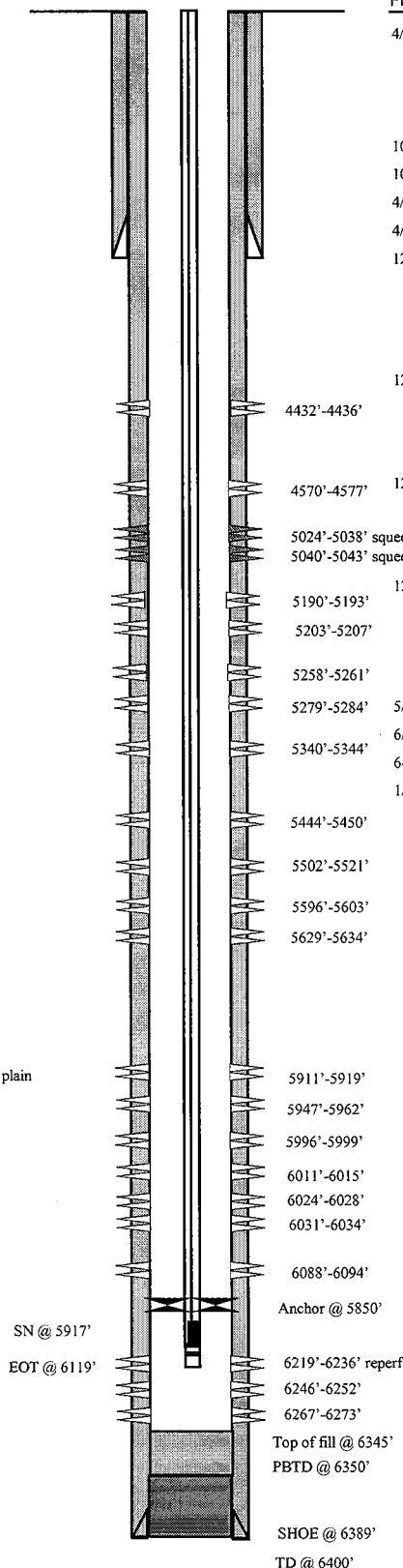
CSG SIZE: 5-1/2" / J-55 / 17#  
 LENGTH: 161 jts. (6388')  
 DEPTH LANDED: 6369'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 150 sxs HiFill & 325 sxs Gypseal.  
 CEMENT TOP AT: 3284' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
 NO. OF JOINTS: 180 jts (5835.60')  
 TUBING ANCHOR: 5849.60'  
 NO. OF JOINTS: 2 jts (64.84')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5917.24' KB  
 NO. OF JOINTS: 5 jts (162.10')  
 TOTAL STRING LENGTH: EOT @ 6119.43'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM  
 SUCKER RODS: 6-1 1/2" weight bars; 63-3/4 guided rods; 73-3/4" plain rods, 89-7/8" guided rods, 2-8", 1-4" x 7/8" Pony rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 10' x 16' RHAC  
 STROKE LENGTH: 34"  
 PUMP SPEED, SPM: 5 SPM

Injection Wellbore  
DiagramFRAC JOB

4/05/84	5024'-5043'	<b>Frac D1 sand as follows:</b> 89,500# 20/40 sand in 655 bbls frac fluid. Treated @ avg press of 2100 psi w/avg rate of 31 BPM. ISIP 2160 psi. Flushed to perfs.
10/09/90		Reperf D1 zone.
10/13/90		Acidize D1 w/ 100 gal 15% HCl + 60% N2.
4/19/94		Put on Injection.
4/18/01		Convert to producer.
12/18/02	5911'-6273'	<b>Frac BS and CP sands as follows:</b> 197,938# 20/40 sand in 1005 bbls Viking I-25 fluid. Treated @ avg. pressure of 3330 psi w/avg. rate of 15.2 BPM. ISIP - 2200 psi. Calc. flush: 1562 gals. Actual flush: 1437 gals.
12/20/02	5444'-5634'	<b>Frac A and LODC sands as follows:</b> 93,076# 20/40 sand in 512 bbls Viking I-25 fluid. Treated @ avg. pressure of 3950 psi w/avg. rate of 15.0 ISIP - 3700 psi. Calc. flush: 1451 gals. Actual flush: 42 gals.
12/21/02	5190'-5344'	<b>Frac B and C sands as follows:</b> 60,044# 20/40 sand in 305 bbls Viking I-25 fluid. Treated @ avg. pressure of 3830 psi w/ avg. rate of 15.0 BPM. ISIP - 2750 psi. Calc. flush: 1365 gals. Actual flush: 1283 gals.
12/22/02	4432'-4577'	<b>Frac GB sands as follows:</b> 26,820# 20/40 sand in 121 bbls Viking I-25 fluid. Treated @ avg. pressure of 2550 psi w/avg. rate of 24.5 BPM. ISIP - 3300 psi. Calc. flush: 4432 gals. Actual flush: 3570 gals.
5/18/04		Stuck Pump. Update rod detail.
6/24/04		Stuck Pump. Update rod detail.
6-19-08		Parted rods. Updated rod & tubing details.
1/8/09		Parted rods. Updated rod & tubing details.

PERFORATION RECORD

3/31/84	6219'-6236'	1 JSPF	17 holes
4/04/84	5040'-5043'	1 JSPF	04 holes
4/04/84	5024'-5038'	1 JSPF	14 holes
10/09/90	5040'-5043'	3 JSPF	12 holes
10/09/90	5024'-5038'	3 JSPF	42 holes
12/18/02	6267'-6273'	4 JSPF	24 holes
12/18/02	6246'-6252'	4 JSPF	24 holes
12/18/02	6219'-6236'	5 JSPF	85 holes reperf
12/18/02	6088'-6094'	4 JSPF	24 holes
12/18/02	6031'-6034'	4 JSPF	28 holes
12/18/02	6024'-6028'	4 JSPF	28 holes
12/18/02	6011'-6015'	4 JSPF	16 holes
12/18/02	5996'-5999'	4 JSPF	12 holes
12/18/02	5947'-5962'	4 JSPF	92 holes
12/18/02	5911'-5919'	4 JSPF	92 holes
12/18/02	5629'-5634'	4 JSPF	20 holes
12/18/02	5596'-5603'	4 JSPF	28 holes
12/18/02	5502'-5521'	4 JSPF	76 holes
12/18/02	5444'-5450'	4 JSPF	24 holes
12/18/02	5340'-5344'	4 JSPF	16 holes
12/18/02	5279'-5284'	4 JSPF	32 holes
12/18/02	5258'-5261'	4 JSPF	32 holes
12/18/02	5203'-5207'	4 JSPF	16 holes
12/18/02	5190'-5193'	4 JSPF	12 holes
12/18/02	4570'-4577'	4 JSPF	28 holes
12/18/02	4432'-4436'	4 JSPF	16 holes



**Monument Butte Fed. #8-34-8-16**  
 2059' FNL & 701' FEL  
 SENE Section 34-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-30843; Lease #U-16535

Spud Date: 5/29/1990  
Put on Production: 8/26/1990  
GL: 5670' KB: 5685'

## Federal 13-34B-8-16

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: K-55  
WEIGHT: 24#  
LENGTH: 307' GL  
DEPTH LANDED: 307'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 210 sxs cmt class G

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: K-55  
WEIGHT: 17#  
LENGTH: 6470'  
DEPTH LANDED: 6470'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 165 sxs HI LIFT, 530 sxs 10-0 RFC  
CEMENT TOP AT: @ 2924' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 198 jts (6163.70')  
TUBING ANCHOR: 6178.70' KB  
NO. OF JOINTS: 1 jt (31.52')  
SEATING NIPPLE: (1.10')  
SN LANDED AT: 6213.02' KB  
NO. OF JOINTS: 2 jts (63.34')  
TOTAL STRING LENGTH: EOT @ 6277.91' w/15' KB

SUCKER RODS

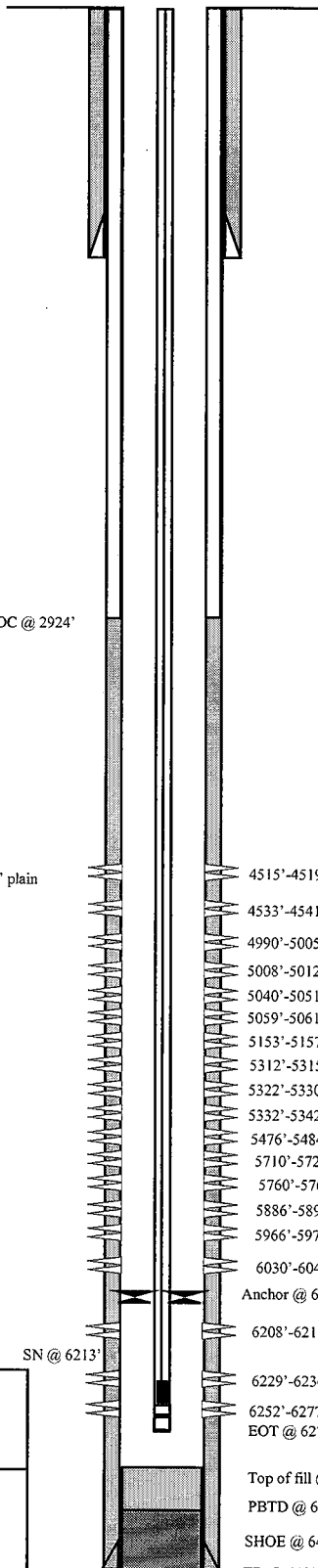
POLISHED ROD: 1-1/2" x 22' polished rods  
SUCKER RODS: 6-1 5/8" wt. rods, 32 - 3/4" scraped rods, 116 - 3/4" plain rods, 93 - 7/8" scraped rods, 1-8' x 7/8" pony rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 15 1/2' RHAC pump  
STROKE LENGTH: 84"  
PUMP SPEED, SPM: 6 SPM

TOC @ 2924'

SN @ 6213'



**Federal 13-34B-8-16**  
1997 FSL & 660 FWL  
NW/SW Section 34-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31271; Lease #UTU-47171



## FRAC JOB

7/26/90	5886'-5896'	Initial Production: 590 BOPD, NA MCFPD, 197 BWPD
		<b>Frac zone as follows:</b> 18,100# 20/40 & 29,400# 16/30 sand in 547 bbl gel water. Avg. treating press. 1550 psi, @ 30 BPM, ISIP 3800 psi. Calc. flush: 5886 gal. Actual flush: 5270 gal.
7/28/90	5710'-5768'	<b>Frac zone as follows:</b> 39,400# 20/40 sand, 50,500# 16/30 sand in 956 bbl gel water. Avg. treating press. 3000 psi, @ 41 BPM, ISIP 3600 psi. Calc. flush: 5710 gal. Actual flush: 5600 gal.
7/31/90	5476'-5484'	<b>Frac zone as follows:</b> 18,100# 20/40, 26,000# 16/30 sand in 534 bbl gel water. Avg. treating press. 2550 psi, @ 30 BPM, ISIP 2630 psi. Calc. flush: 5476 gal. Actual flush: 4780 gal.
8/2/90	5312'-5342'	<b>Frac zone as follows:</b> 42,400# 20/40 sand, 51,800# 16/30 sand in 1041 bbl gel water. Avg. treating press. 2700 psi, @ 47 BPM, ISIP 2700 psi.
8/4/90	4990'-5061'	<b>Frac zone as follows:</b> 74,100# 20/40 sand, 99,000# 16/30 sand in 1750 bbls gel water. Avg. treating press. 1900 psi, @ 57 BPM, ISIP 1900 psi.
10/28/98		Isolate lower zones w/ CIBP @ 5430'
1/07/99		Drill out CIBP @ 5430'. Isolate upper zones 4990'-5061' w/ casing sleeve.
3/16/02		Remove casing sleeve. Isolate upper zones 4990'-5012' w/ packer.
4/05/02		Isolate upper zones 4990'-5051' w/ packer.
1/27/03	5886'-6277'	<b>Frac CP and BS sands (and refrac 5886 - 5896' LODC sands) as follows:</b> 119,179# 20/40 sand in 874 bbls Viking I-25 fluid. Treated @ avg. pressure of 3786 psi w/ avg. rate of 19.2 BPM. ISIP - 2235 psi. Calc. flush: 1457 gals. Actual flush: 1407 gals.
1/27/03	5153'-5157'	<b>Frac C sands as follows:</b> 10,777# 20/40 sand in 122 bbls Viking I-25 fluid. W/ sand on perms pressure increased rapidly. Est. 5,690# sand in formation and left est. 5,087# sand in tubing. Screened out.
1/28/03	4515'-4541'	<b>Frac GB6 sands as follows:</b> 47,866# 20/40 sand in 383 bbls Viking I-25 fluid. Treated @ avg. pressure of 2154 psi w/ avg. rate of 26.1 BPM. ISIP - 2340 psi. Calc. flush: 4515 gals. Actual flush: 4326 gals.
6/4/03		Parted rod and tubing leak. Update tubing and rod details.
6/12/03		Parted rods. Update rod detail.
4/21/04		Pump change. Update rod detail.
3-11-05		Pump change.
08/06/05		Parted Rods
09/07/05		Pump Change. Update Rod and tubing details.
8-15-08		Pump change. Updated rod & tubing details.
<b>PERFORATION RECORD</b>		
7/24/90	5886'-5896'	4 JSPF 40 holes
7/26/90	5760'-5768'	4 JSPF 32 holes
7/26/90	5710'-5722'	4 JSPF 48 holes
7/28/90	5476'-5484'	4 JSPF 32 holes
7/31/90	5332'-5342'	4 JSPF 40 holes
7/31/90	5322'-5330'	4 JSPF 32 holes
7/31/90	5312'-5315'	4 JSPF 12 holes
8/02/90	5059'-5061'	4 JSPF 8 holes
8/02/90	5040'-5051'	4 JSPF 44 holes
8/02/90	5008'-5012'	4 JSPF 16 holes
8/02/90	4990'-5005'	4 JSPF 60 holes
1/24/03	6252'-6277'	4 JSPF 100 holes
1/24/03	6229'-6236'	4 JSPF 28 holes
1/24/03	6208'-6217'	4 JSPF 36 holes
1/24/03	6030'-6041'	4 JSPF 44 holes
1/24/03	5966'-5974'	4 JSPF 32 holes
1/24/03	5153'-5157'	4 JSPF 16 holes
1/24/03	4533'-4541'	4 JSPF 32 holes
1/24/03	4515'-4519'	4 JSPF 16 holes

## Federal #23-34B-8-16

Spud Date: 11/30/89

Put on Injection: 6/5/98

GL: 5650' KB: 5661'

SURFACE CASING

CSG SIZE: 9-5/8"

GRADE: J-55

WEIGHT: 36#

LENGTH: 8 jts.

DEPTH LANDED: 301'

HOLE SIZE: 12-1/4"

CEMENT DATA: 165 sxs Class G

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: K-55

WEIGHT: 17#

LENGTH: 154 jts.

DEPTH LANDED: 6550'

HOLE SIZE: 7-7/8"

CEMENT DATA: 320 sk Hi-lift mixed &amp; 585 sxs DS 10-ORFC

CEMENT TOP AT: Surface per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55/6.5#

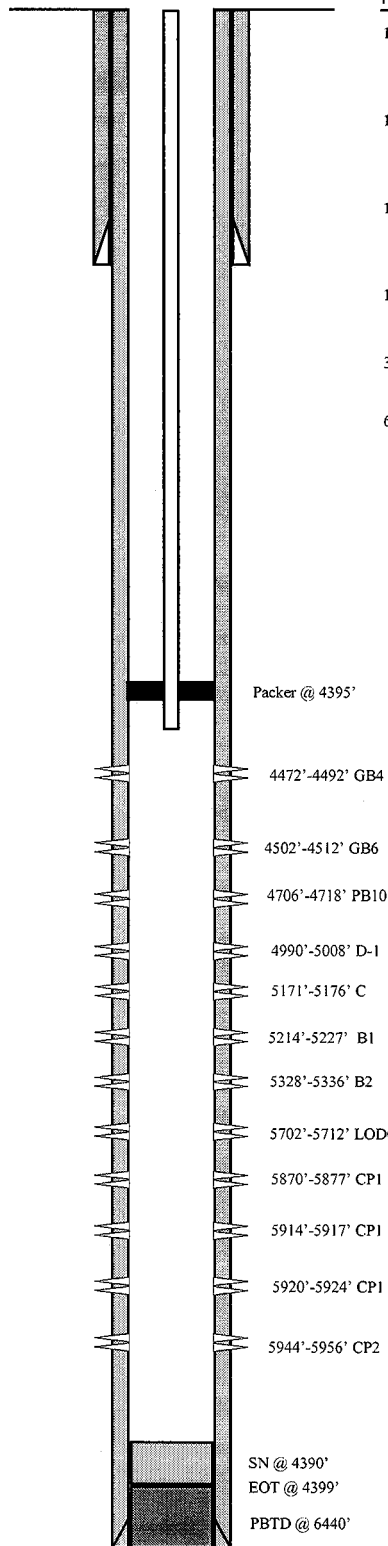
NO. OF JOINTS: 137 jts.

SN LANDED AT: 4390'

PACKER: 4395'

TOTAL STRING LENGTH: EOT @4399'

## Injection Diagram

FRAC JOB

1/11/90	5870'-5956'	<b>Frac sand as follows:</b> 68,000# of 20/40 and 96,000# of 16/30 sd. in 1565 bbls fluid, . Avg. tubing press. 2600 psi @ 60 BPM, ISIP 1830 psi.
1/14/90	5171'-5227'	<b>Frac sand as follows:</b> 51,400# of 20/40 sand and 75,400 # of 16/30 sand in 1254 bbls fluid. Avg tubing press 2100 psi, ISIP 2080 psi.
1/16/90	4990'-5008'	<b>Frac sand as follows:</b> 45,000# 20/40 sand and 44,000# 16/30 sand, in 929 bbls fluid. Screened out 50 bbls into flush. Avg tubing press 2300 psi, @ 45 BPM.
1/18/90	4706'-4715'	<b>Frac sand as follows:</b> 40,600# 20/40 sand and 41,400# 16/30 sand. in 955 bbls fluid, Avg tubing press 2600 psi.
3/21/98		Convert to injector.
6-16-05		Re-completion/MIT - Frac sand as follows: 14,889# 20/40 sand in 146 bbls of lightning 17 fluid and 15,030# 20/40 sand in 145 bbls of lightning 17 fluid and 21,487# of 20/40 sand in 184 bbls of lightning 17 fluid. Average tubing pressure 4219 psi.

PERFORATION RECORD

1/10/90	5944'-5956'	4 SPF	48 holes
1/10/90	5920'-5924'	4 SPF	16 holes
1/10/90	5914'-5917'	4 SPF	12 holes
1/10/90	5870'-5877'	4 SPF	28 holes
1/13/90	5214'-5227'	4 SPF	52 holes
1/13/90	5171'-5176'	4 SPF	20 holes
1/16/90	4990'-5008'	4 SPF	72 holes
1/17/90	4706'-4718'	4 SPF	48 holes
6-14-05	5702'-5712'	4 SPF	40 holes
6-14-05	5328'-5336'	4 SPF	32 holes
6-14-05	4502'-4512'	4 SPF	40 holes
6-14-05	4472'-4492'	4 SPF	80 holes

**NEWFIELD**

**Federal #23-34B-8-16**  
1880 FSL & 1980 FWL  
NESW Section 34-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31241; Lease #U-47171



## Monument Butte Federal 10-34-8-16

Spud Date: 10/1/1992  
Put on Production: 11/26/1992

GL: 5628' KB: 5640'

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
DEPTH LANDED: 304.87'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 216 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
DEPTH LANDED: 6400.06'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 348 sxs Hilift & 428 sxs 50/50 POZ.  
CEMENT TOP AT: 1364' per CBL

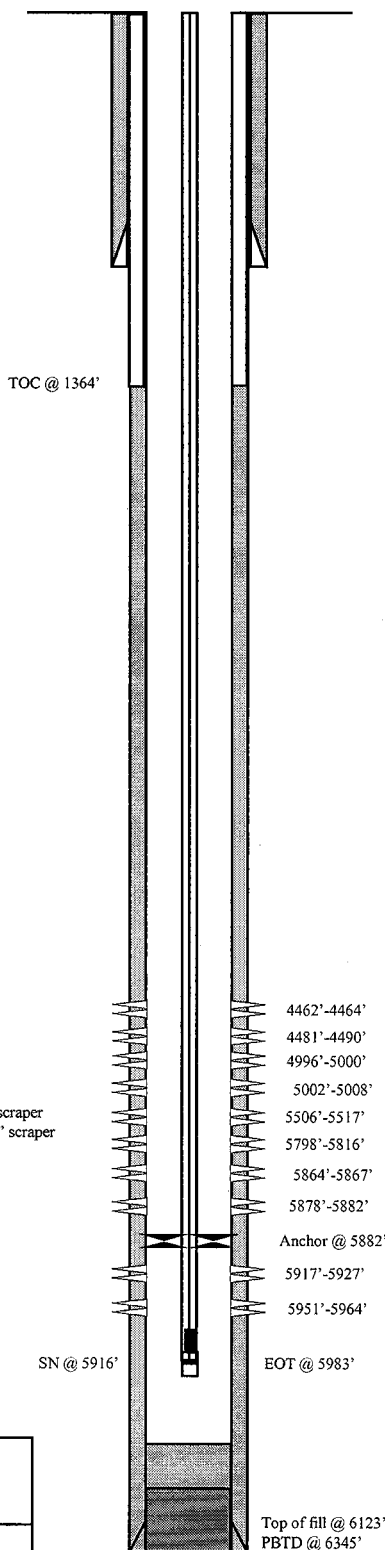
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 185 jts (5870.49')  
TUBING ANCHOR: 5882.49'  
NO. OF JOINTS: 1 jt (31.95')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5917.24' KB  
NO. OF JOINTS: 2 jts (65.11')  
TOTAL STRING LENGTH: EOT @ 5983.90'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 1-1 1/2" x 8' Wt. rod, 4-1 1/2" weight bars, 44-3/4" scraper rods, 60-3/4" slick rods, 8-3/4" scraper rods, 24-3/4" plain rods, 93-3/4" scraper rods, 2-4' x 3/4" pony rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 14' RHAC  
STROKE LENGTH: 52"  
PUMP SPEED, SPM: 6 SPM

## Wellbore Diagram



Initial Production: 68 BOPD,  
93 MCFD, 24 BWPD

FRAC JOB

11/15/92 5917'-5964' **Frac CP sand as follows:**  
109,000# 16/30 sand in 1095 bbls fluid.  
Treated @ avg press of 2100 psi w/avg  
rate of 35 BPM. ISIP 2097 psi. Calc.  
flush: 5917 gal, Act. flush: 5663 gal.

11/17/92 5798'-5816' **Frac CP sand as follows:**  
75,000# 16/30 sand in 670 bbls fluid.  
Treated @ avg press of 3000 psi w/avg  
rate of 30 BPM. ISIP 3100 psi. Calc.  
flush: 5798 gal, Act. flush: 5614 gal.

11/19/92 5506'-5517' **Frac A-3 sand as follows:**  
60,430# 16/30 sand in 583 bbls fluid.  
Treated @ avg press of 3100 psi w/avg  
rate of 25 BPM. ISIP 2934 psi. Calc.  
flush: 5506 gal, Act. flush: 5370 gal.

11/22/92 4996'-5008' **Frac D-1 sand as follows:**  
28,500# 16/30 sand in 256 bbls fluid.  
Treated @ avg press of 2400 psi w/avg  
rate of 25 BPM. ISIP 2014 psi. Calc.  
flush: 4996 gal, Act. flush: 4850 gal.

9/22/01 Rod job. Update rod and tubing details.

02/06/02 4462'-4490' **Frac GB-4 sand as follows:**  
36,260# 16/30 sand in 325 bbls Viking I-  
25 frac fluid. Treated @ avg press of  
2195 psi w/avg rate of 21.2 BPM. ISIP  
2500 psi. Calc. flush: 4462 gal, Act.  
flush: 4242 gal.

08/10/06 Pump Change. Update rod and tubing  
details.

PERFORATION RECORD

Date	Depth Range	Tool	Holes
11/12/92	5951'-5964'	4 JSPF	52 holes
11/12/92	5917'-5927'	4 JSPF	40 holes
11/12/92	5878'-5882'	4 JSPF	16 holes
11/12/92	5864'-5867'	4 JSPF	12 holes
11/16/92	5798'-5816'	4 JSPF	72 holes
11/18/92	5506'-5517'	4 JSPF	44 holes
11/20/92	5002'-5008'	4 JSPF	24 holes
11/20/92	4996'-5000'	4 JSPF	16 holes
02/06/02	4462'-4464'	4 JSPF	08 holes
02/06/02	4481'-4490'	4 JSPF	36 holes

NEWFIELD

Monument Butte Federal 10-34-8-16  
1980' FSL & 1980' FEL  
NW/SE Section 34-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31371; Lease #UTU-16535

## Wells Draw P-34-8-16

Spud Date: 06/05/09  
Put on Production: 07/14/09  
GL: 5701' KB: 5713'

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 275.89'  
DEPTH LANDED: 328.02'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G+2%" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 6435.13'  
HOLE SIZE: 7-7/8"  
TOTAL DEPTH: 6465.38'  
CEMENT DATA: 275 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.  
CEMENT TOP AT: 0'

As of today well is flowing to production tanks.

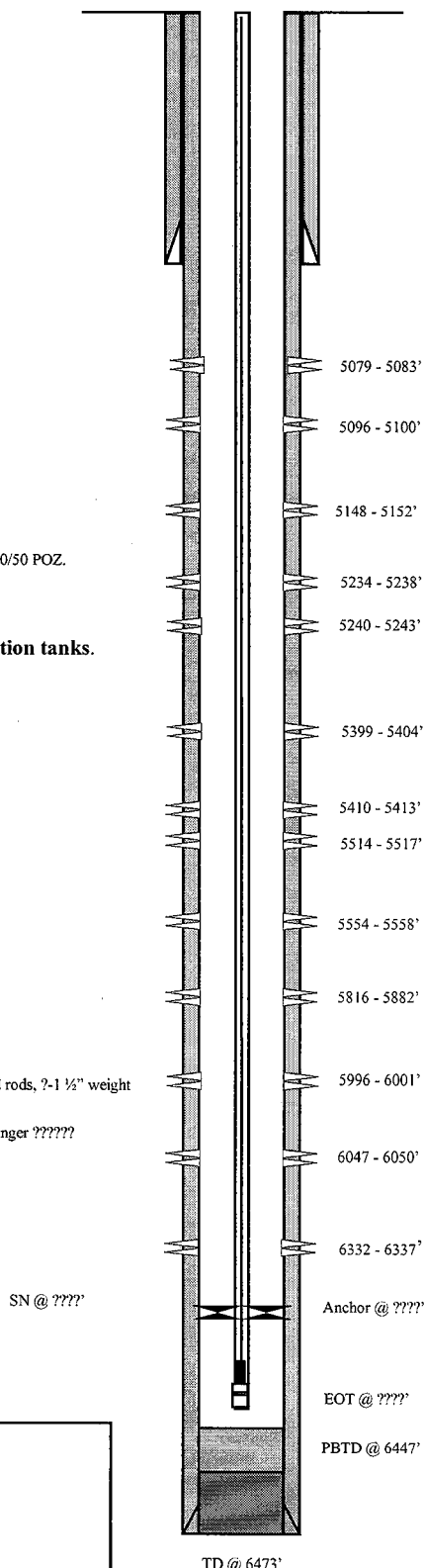
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: jts (')  
TUBING ANCHOR:  
NO. OF JOINTS: jts (')  
SEATING NIPPLE: 2-7/8" (')  
SN LANDED AT: KB  
NO. OF JOINTS: jts (')  
TOTAL STRING LENGTH: EOT @'

SUCKER RODS

POLISHED ROD: 1 1/2" x ?'  
SUCKER RODS: 2-2', 2-4' x 7/8" pony subs, 2-7/8" guided rods, 2-1 1/2" weight bars  
PUMP SIZE: 1-1/2" x 1-3/4" x ?' RHAC pump w/ SM plunger ?????  
PUMP SPEED, SPM ??

## Wellbore Diagram

FRAC JOB

Date	Depth Range (ft)	Fracture Job Details
7-15-09	6332 - 6337'	Frac CP5 sands as follows: Frac with 14,574# 20/40 sand in 119 bbls Lightning 17 fluid. Treat at 2779 psi @ 11.0 BPM. ISIP 1818 psi.
7-15-09	5996 - 6050'	Frac CP.5 & CP1 sands as follows: Frac with 40,521# 20/40 sand in 259 bbls Lightning 17 fluid. Treat at 3242 psi @ 30.0 BPM. ISIP 2015 psi.
7-15-09	5816 - 5822'	Frac LODC sands as follows: Frac with 15,086# 20/40 sand in 120 bbls Lightning 17 fluid. Treat at 2356 psi @ 16 BPM. ISIP 1920 psi.
7-15-09	5554 - 5517'	Frac A1 & A.5 sands as follows: Frac with 34,511# 20/40 sand in 288 bbls Lightning 17 fluid. Treat at 3350 psi @ 30.0 BPM. ISIP 2034 psi.
7-15-09	5399 - 5413'	Frac B2 sands as follows: Frac with 89,291# 20/40 sand in 537 bbls Lightning 17 fluid. Treat at 2734 psi @ 30.0 BPM. ISIP 2140 psi.
7-15-09	5234 - 5243'	Frac C sands as follows: Frac with 35,095# 20/40 sand in 292 bbls Lightning 17 fluid. Treat at 2875 psi @ 30.0 BPM. ISIP 2165 psi.
7-15-09	5079 - 5100'	Frac D1 & D2 sands as follows: Frac with 134,767# 20/40 sand in 764 bbls Lightning 17 fluid. Treat at 2832 psi @ 42.0 BPM. ISIP 2540 psi.

PERFORATION RECORD

Depth Range (ft)	Tool Joint	Holes
6332 - 6337'	3 JSPF	15 holes
6047 - 6050'	3 JSPF	9 holes
5996 - 6001'	3 JSPF	15 holes
5816 - 5822'	3 JSPF	18 holes
5554 - 5558'	3 JSPF	12 holes
5514 - 5517'	3 JSPF	9 holes
5410 - 5413'	3 JSPF	9 holes
5399 - 5404'	3 JSPF	15 holes
5240 - 5243'	3 JSPF	9 holes
5234 - 5238'	3 JSPF	12 holes
5148 - 5152'	3 JSPF	12 holes
5096 - 5100'	3 JSPF	12 holes
5079 - 5083'	3 JSPF	12 holes



Wells Draw P-34-8-16

Section 34-T8S-R16E  
Duchesne Co, Utah  
API #43-013-33977, Lease #UTU-47171

## Wells Draw 14A-34-8-16

Spud Date: 8/15/2002  
Put on Production: 9/17/2002

GL: 5650' KB: 5660'

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (306.12')  
DEPTH LANDED: 314.12' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 145 sxs Class "G" cmt, est 3 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 140 jts. (6208.51')  
DEPTH LANDED: 6206.11' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 500'

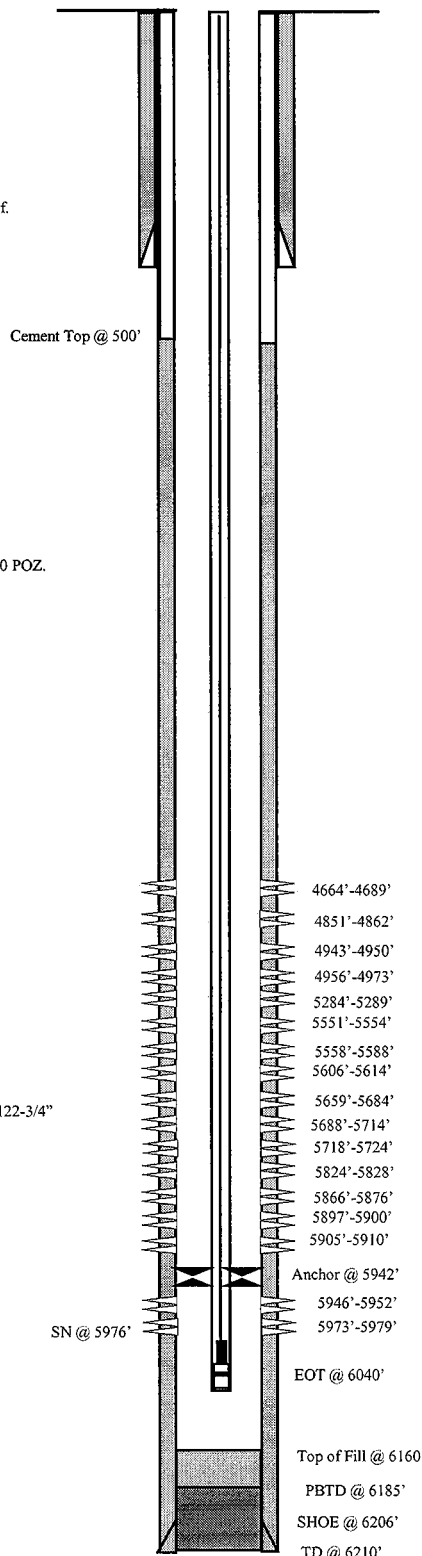
**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 189 jts (5932')  
TUBING ANCHOR: 5942' KB  
NO. OF JOINTS: 1 jt (31.42')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5976.22' KB  
NO. OF JOINTS: 2 jts (62.85')  
TOTAL STRING LENGTH: EOT @ 6040.62' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 6-1 1/2" weight bars; 10-3/4" scraped rods; 122-3/4" plain rods, 100-3/4" scraped rods, 1-8", 1-6" x 3/4" pony rods.  
PUMP SIZE: 2-1/2" x 1-3/4" x 16' RHAC  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 6 SPM  
LOGS: DIGL/SP/GR/CAL

Wellbore Diagram



Initial Production: 18 BOPD,  
5.5 MCFD, 74 BWPD

**FRAC JOB**

9/11/02 5824'-5979' **Frac CP .5, 1, 2, 2, 3, 3 sands as follows:**  
81,000# 20/40 sand in 618 bbls Viking I-25 fluid. Treated @ avg press of 1869 psi w/avg rate of 26 BPM. ISIP 1880 psi. Calc flush: 5824 gal. Actual flush: 5775 gal.

9/11/02 5551'-5724' **Frac LODC sands as follows:**  
249,000# 20/40 sand in 1631 bbls Viking I-25 fluid. Treated @ avg press of 2235 psi w/avg rate of 24.7 BPM. ISIP 2110 psi. Calc flush: 5551 gal. Actual flush: 5502 gal.

9/11/02 5284'-5289' **Frac B2 sands as follows:**  
20,836# 20/40 sand in 264 bbls Viking I-25 fluid. Treated @ avg press of 2345 psi w/avg rate of 25 BPM. ISIP 1880 psi. Calc flush: 5284 gal. Actual flush: 5208 gal.

9/12/02 4851'-4973' **Frac D1 and D2 sands as follows:**  
144,900# 20/40 sand in 960 bbls Viking I-25 fluid. Treated @ avg press of 1870 psi w/avg rate of 25 BPM. ISIP 2250 psi. Calc flush: 4851 gal. Actual flush: 4767 gal.

9/12/02 4664'-4689' **Frac PB sands as follows:**  
54,936# 20/40 sand in 433 bbls Viking I-25 fluid. Treated @ avg press of 1658 psi w/avg rate of 25 BPM. ISIP 2140 psi. Calc flush: 4664 gal. Actual flush: 4578 gal.

11/15/03 Pump Change. Update rod details.

**PERFORATION RECORD**

Date	Depth Range	Tool Joint	Holes
9/10/02	5973'-5979'	4 JSPF	24 holes
9/10/02	5946'-5952'	4 JSPF	24 holes
9/10/02	5905'-5910'	4 JSPF	20 holes
9/10/02	5897'-5900'	4 JSPF	12 holes
9/10/02	5866'-5876'	4 JSPF	40 holes
9/10/02	5824'-5828'	4 JSPF	16 holes
9/11/02	5718'-5724'	2 JSPF	12 holes
9/11/02	5688'-5714'	2 JSPF	52 holes
9/11/02	5659'-5684'	2 JSPF	50 holes
9/11/02	5606'-5614'	2 JSPF	16 holes
9/11/02	5558'-5588'	2 JSPF	60 holes
9/11/02	5551'-5554'	2 JSPF	6 holes
9/11/02	5284'-5289'	4 JSPF	20 holes
9/12/02	4956'-4973'	4 JSPF	68 holes
9/12/02	4943'-4950'	4 JSPF	28 holes
9/12/02	4851'-4862'	4 JSPF	44 holes
9/12/02	4664'-4689'	2 JSPF	50 holes

**NEWFIELD**

Wells Draw Unit 14A-34-8-16

729' FSL &amp; 1963' FWL

SE/SW Section 34-T8S-R16E

Duchesne Co, Utah

API #43-013-32330; Lease #UTU-47171

**Multi-Chem Group, LLC**

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

**Water Analysis Report**Production Company: **NEWFIELD PRODUCTION (158)**Sample ID: **WA-30421**Well Name: **MB 6-34-8-16**Sample Point: **Tank**Sample Date: **8 /30/2009**Sales Rep: **Randy Huber**Lab Tech: **John Keel**

Sample Specifics		Analysis @ Properties in Sample Specifics	
Test Date:	9/1/2009	<b>Cations</b>	<b>Anions</b>
Temperature (°F):	160	Calcium (Ca):	40.00
Sample Pressure (psig):	0	Magnesium (Mg):	24.40
Specific Gravity (g/cm³):	1.0040	Barium (Ba):	79.00
pH:	8.9	Strontium (Sr):	-
Turbidity (NTU):	-	Sodium (Na):	3675.00
		Potassium (K):	-
		Iron (Fe):	10.36
		Manganese (Mn):	0.50
Calculated T.D.S. (mg/L)	10325	Lithium (Li):	-
Molar Conductivity (µS/cm):	15644	Aluminum (Al):	-
Resistivity (Mohm):	0.6392	Ammonia NH₃:	-
		Chloride (Cl):	5033.00
		Sulfate (SO₄):	111.00
		Dissolved CO₂:	0.01
		Bicarbonate (HCO₃):	1342.00
		Carbonate (CO₃):	-
		H₂S:	10.00
		Phosphate (PO₄):	-
		Silica (SiO₂):	-
		Fluoride (F):	-
		Nitrate (NO₃):	-
		Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate		Gypsum		Calcium Sulfate		Strontium Sulfate		Barium Sulfate		Calculated
		CaCO <sub>3</sub>		CaSO <sub>4</sub> · 2H <sub>2</sub> O		CaSO <sub>4</sub>		SrSO <sub>4</sub>		BaSO <sub>4</sub>		
Temp °F	Gauge Press. psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
160	0	37.50	59.24	0.00	-1820.90	0.00	-1647.90	-	-	70.69	129.86	0.03
80	0	25.80	67.98	0.00	49.38	0.00	-2618.80	-	-	330.79	133.34	0.02
100	0	31.18	64.97	0.00	50.22	0.00	-2459.00	-	-	217.85	132.86	0.02
120	0	34.93	62.06	0.00	49.91	0.00	-2222.00	-	-	146.83	132.16	0.02
140	0	37.09	60.05	0.00	49.23	0.00	-1941.80	-	-	101.01	131.20	0.03
160	0	37.50	59.24	0.00	48.40	0.00	-1647.90	-	-	70.69	129.86	0.03
180	0	36.32	59.39	0.00	47.19	0.01	-1362.70	-	-	50.19	128.07	0.03
200	0	33.92	59.77	0.01	45.07	0.01	-1100.80	-	-	36.07	125.69	0.03
220	2.51	30.49	58.93	0.01	41.65	0.01	-880.09	-	-	25.71	122.46	0.03
240	10.3	26.89	53.85	0.01	36.36	0.02	-681.50	-	-	18.82	118.52	0.03
260	20.76	23.20	45.52	0.01	29.88	0.03	-515.65	-	-	13.89	113.65	0.03
280	34.54	19.62	37.21	0.01	23.22	0.05	-380.14	-	-	10.31	107.71	0.03
300	52.34	16.29	30.18	0.01	17.16	0.09	-271.57	-	-	7.67	100.48	0.03

**Conclusions:**

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate scale is indicated at all temperatures from 80°F to 300°F

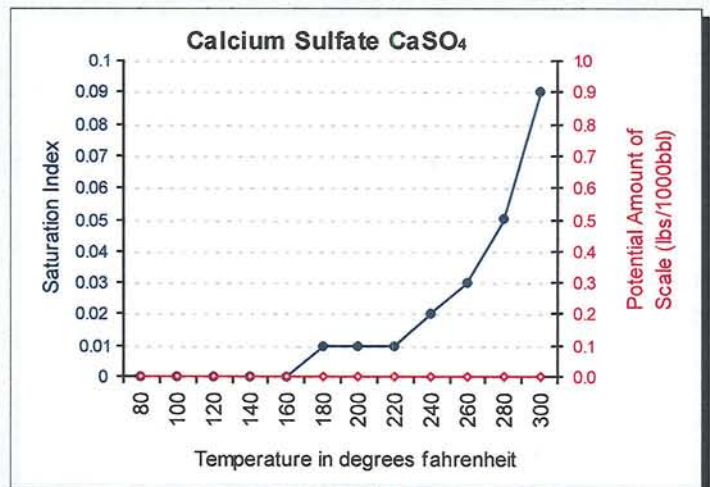
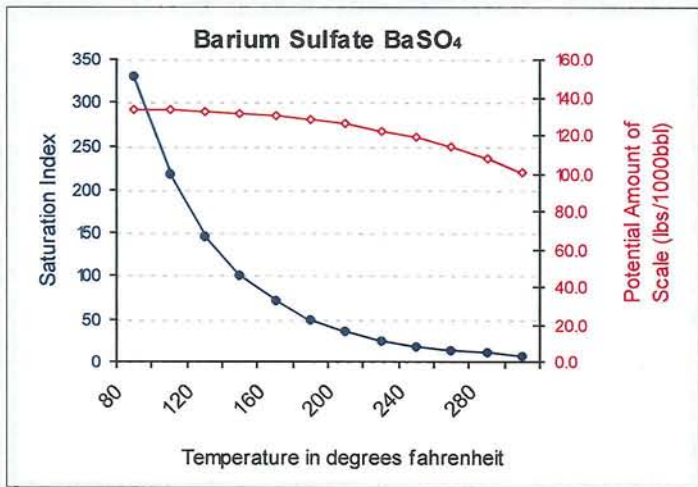
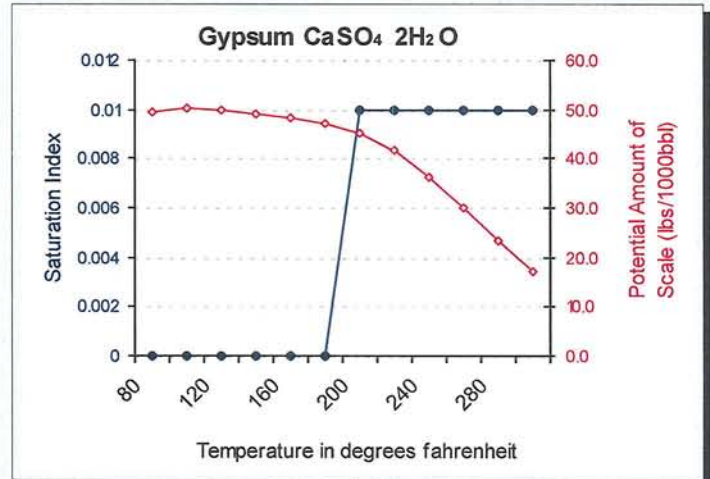
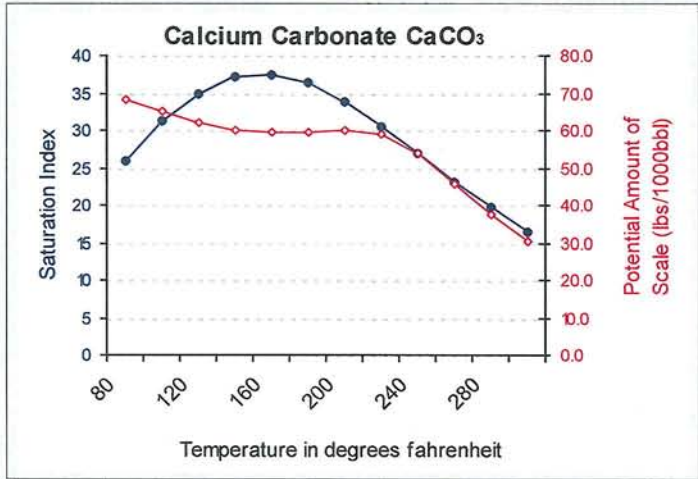
**Notes:**

**Multi-Chem Group, LLC**

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

**Scale Prediction Graphs**Well Name: **MB 6-34-8-16**Sample ID: **WA-30421**



**Multi-Chem Group, LLC**

Multi-Chem Analytical Laboratory  
1553 East Highway 40  
Vernal, UT 84078

**Water Analysis Report**Production Company: **NEWFIELD PRODUCTION**Sample ID: **WA-19260**Well Name: **Mon Butte Injection**Sample Point: **Triplex Suction**Sample Date: **1 /6 /2009**Sales Rep: **Randy Huber**Lab Tech: **Mike Chapman**

Sample Specifics	
Test Date:	1/7/2009
Temperature (°F):	80
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0000
pH:	7.1
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	1831
Molar Conductivity (µS/cm):	2774
Resistivity (Mohm):	3.6049

Analysis @ Properties in Sample Specifics			
Cations		mg/L	Anions
Calcium (Ca):		120.00	Chloride (Cl):
Magnesium (Mg):		-	Sulfate (SO₄):
Barium (Ba):		206.00	Dissolved CO₂:
Strontium (Sr):		-	Bicarbonate (HCO₃):
Sodium (Na):		355.72	Carbonate (CO₃):
Potassium (K):		-	H₂S:
Iron (Fe):		3.00	Phosphate (PO₄):
Manganese (Mn):		0.20	Silica (SiO₂):
Lithium (Li):		-	Fluoride (F):
Aluminum (Al):		-	Nitrate (NO₃):
Ammonia NH₃:		-	Lead (Pb):
			Zinc (Zn):
			Bromine (Br):
			Boron (B):

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate		Gypsum		Calcium Sulfate		Strontium Sulfate		Barium Sulfate		Calculated
		CaCO₃		CaSO₄ · 2H₂O		CaSO₄		SrSO₄		BaSO₄		CO₂
Temp °F	Gauge Press. psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
80	0	1.61	0.31	0.00	-1252.30	0.00	-1459.70	-	-	258.58	24.59	1.48
80	0	1.61	0.31	0.00	-14.07	0.00	-1459.70	-	-	258.58	24.59	0.64
100	0	2.23	0.55	0.00	-11.68	0.00	-1354.10	-	-	174.02	24.35	0.80
120	0	2.88	0.75	0.00	-9.81	0.00	-1205.80	-	-	120.29	24.16	0.90
140	0	3.60	0.95	0.00	-8.32	0.00	-1036.00	-	-	85.13	23.99	1.02
160	0	4.34	1.14	0.00	-7.11	0.00	-862.65	-	-	61.59	23.85	1.16
180	0	5.09	1.32	0.00	-6.12	0.01	-698.06	-	-	45.41	23.72	1.28
200	0	5.79	1.49	0.01	-5.30	0.01	-550.22	-	-	34.05	23.60	1.31
220	2.51	6.40	1.65	0.01	-4.66	0.01	-425.85	-	-	25.63	23.47	1.33
240	10.3	6.95	1.79	0.01	-4.09	0.02	-319.21	-	-	19.73	23.26	1.37
260	20.76	7.40	1.91	0.01	-3.62	0.03	-232.59	-	-	15.35	22.98	1.40
280	34.54	7.74	1.99	0.01	-3.23	0.04	-163.93	-	-	12.05	22.61	1.44
300	52.34	7.95	2.02	0.01	-2.92	0.07	-110.69	-	-	9.54	22.10	1.48

**Conclusions:**

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate scale is indicated at all temperatures from 80°F to 300°F

**Notes:**

# Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Attachment F

4 of 4

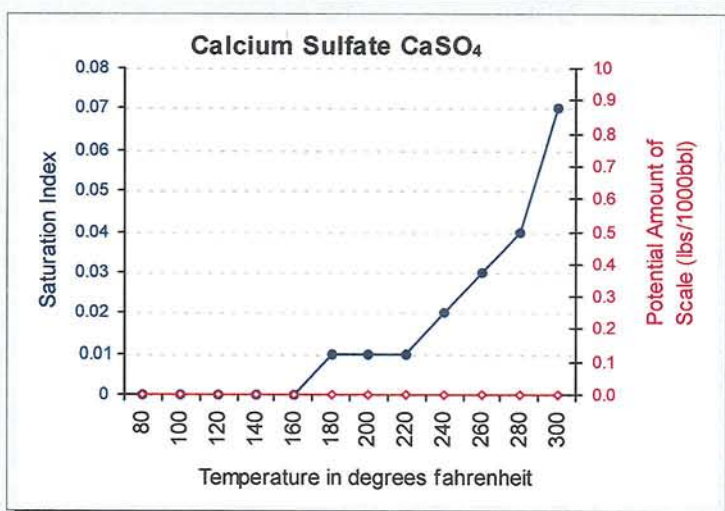
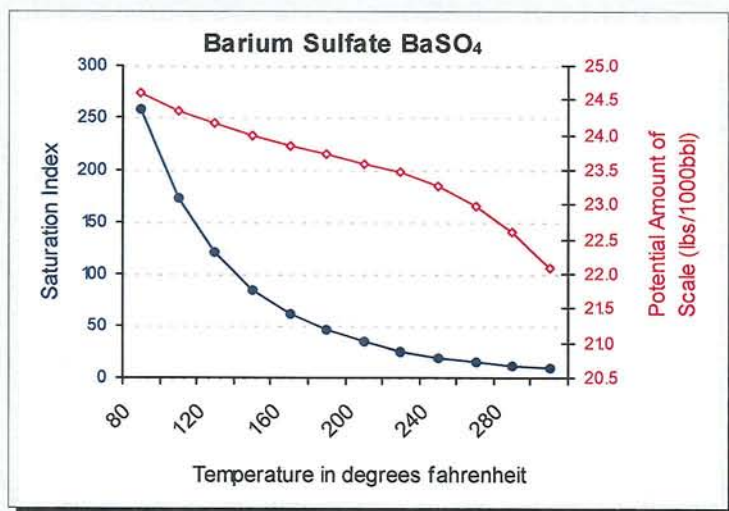
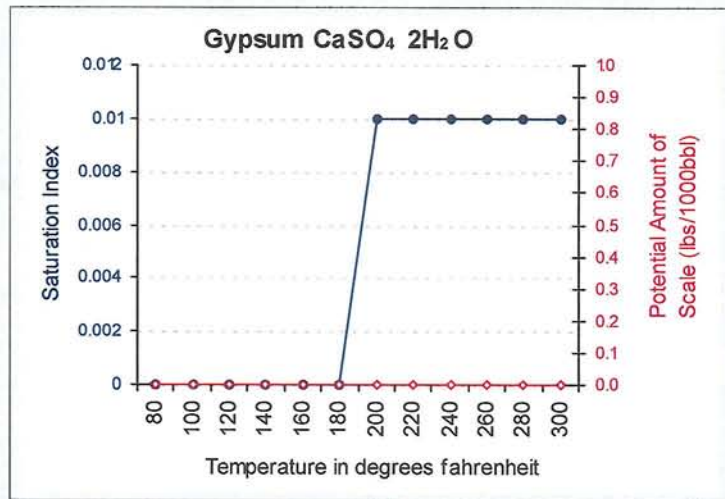
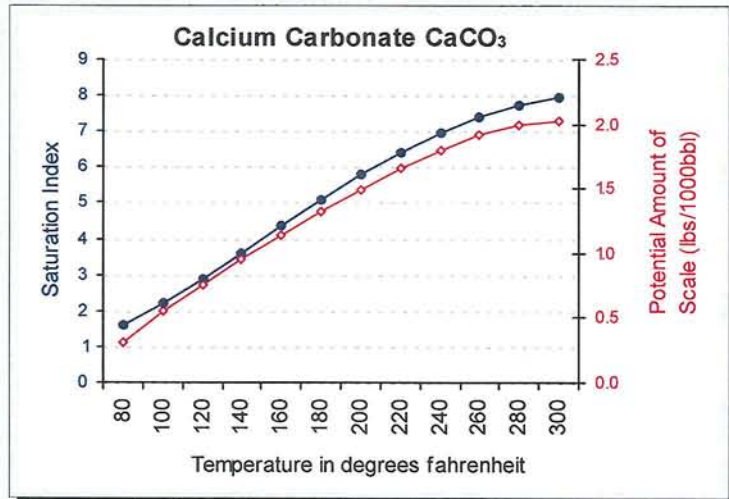


multi-chem®

## Scale Prediction Graphs

Well Name: Mon Butte Injection

Sample ID: WA-19260





# Attachment "G"

## Monument Butte Federal #6-34-8-16 Proposed Maximum Injection Pressure

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
4548	4568	4558	2360	0.95	2330
5042	5098	5070	2482	0.93	2449
5181	5252	5217	1700	0.76	1666 ←
5520	5552	5536	2380	0.86	2344
5520	5590	5555	2400	0.87	2364
5705	5822	5764	2390	0.85	2353
5899	5984	5942	1885	0.75	1847
				Minimum	<u>1666</u>

### Calculation of Maximum Surface Injection Pressure

$$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$$
 where pressure gradient for the fresh water is .433 psi/ft and  
 specific gravity of the injected water is 1.015.

$$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$$

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.



Attachment G-1

1 of 16

**LOMAX EXPLORATION COMPANY**  
**MONUMENT BUTTE FEDERAL #6-34**  
**SW/NW 1980' FNL 1980' FWL Sec. 34, T8S, R18E**  
**Duchesne County, Utah**  
**API# 43-013-31504**

**DAILY COMPLETION REPORT**

**03/20/95 Present Operation:** Run Csg  
**Summary:** 03/19/95- RU casers. Run 6207.42' of 5 1/2" K-55 csg. PBSD @ approx. 6155'. RD csg crew. Circ cmt. 363 sx Hiliift, 12% D-20, 1% D-79, 10% D-44 + 25% D-112, 2% D-46, 307 sx 10-0 RFC. ND BOP's & set slips. Clean tanks. RDSU. SDFN.  
 Daily Cost \$ 51,297 Cumulative Cost \$ 51,297

**03/24/95 Present Operation:** Building Tank Battery  
**Summary:** 03/20/95- 3/23/95 -Building Tank Battery.  
 Daily Cost \$ 1,330 Cumulative Cost \$ 52,627

**03/28/95 Present Operation:** Wait on Completion Rig  
**Summary:** 03/24/95- 3/27/95 - RU H/O truck. Fill csg w/ 2 BW. RU Atlas WL. RIH w/ CBL. Tag PBSD @ 5247'. Log to surf. (Good cmt bond). RDWL.  
 Daily Cost \$ 12,370 Cumulative Cost \$ 64,997

**04/04/95 Present Operation:** MIRU Basin #5 (Day 1)  
**Summary:** 03/25/95- 4/03/95 - MIRU. NU BOP. Tally. PU pipe. RIH. Tag cmt top @ 5288'. SDFN.  
 Daily Cost \$ 2,668 Cumulative Cost \$ 67,665

**04/05/95 Present Operation:** Swabbing Csg (Day 2)  
**Summary:** 4/04/95 - RU swivel. Drill out cmt from 5288' - 5757'. RD swivel. POOH. PU scraper. RIH. Disp hole w/ 130 bbl 2% KCL. Press csg to 4000 psi, held, SDFN.  
 Daily Cost \$ 2,850 Cumulative Cost \$ 70,515

**04/06/95 Present Operation:** POOH to frac (Day 3)  
**Summary:** 4/05/95 - RU swab. Swab fluid down to 4700' from surf to perf. POOH. LD scraper. RU Dresser WLT. Run bond log from 5750'-4970'. Perf "A" sd from 5520'-5552'. 4 SPF for 128 - .45" holes. RD Dresser. RIH w/ tbg to 5494'. RU swab. Made 3 runs. Swabbing fluid from 3800' - 5300'. Rec 9 BF. The final run had a tr of oil. SDFN.  
 Daily Cost \$ (waiting on costs) Cumulative Cost \$ 70,515

**04/07/95 Present Operation:** RIH to swab (Day 4)  
**Summary:** 4/06/95 - SITP 0. SICIP 0. RIH w/ swab. Hit fluid @ 5300'. Pulled from SN 1 BF w/ 10% oil cut. POOH w/ tbg. RU Western. Breakdown & frac as follows:  
 2436 Gal Prepad Viking - 1 35#  
 5400 Gal Pad  
 1400 Gal 1# 20/40 sd  
 2000 Gal 2# 20/40 sd  
 2800 Gal 3# 20/40 sd  
 3500 Gal 4# 20/40 sd  
 4350 Gal 5# 20/40 sd  
 4700 Gal 6# 16/30 sd  
 2478 Gal 8# 16/30 sd  
 1260 Gal Flush KCL  
 Max TP 2890 @ 34 BPM, Avg TP 2270 @ 31.5 BPM. Start flowback immediately on 12/64 choke, 1 BPM. SDFN.  
 Daily Cost \$ 27,139 Cumulative Cost \$

Attachment G-1

**LOMAX EXPLORATION COMPANY  
MONUMENT BUTTE FEDERAL #6-34  
SW/NW 1980' FNL 1980' FWL Sec. 34, T8S, R16E  
Duchesne County, Utah  
API# 43-013-31504**

2 of 16

**DAILY WORKOVER REPORT**

**06/05/95 Present Operation:** POOH w/ Pipe (Day 1)  
**Summary:** 06/05/95- MIRU. LD horsehead. Unseat pump. Flush tbg w/ 40 bbls  
KCL. POOH w/ rods. ND wellhead. Release anchor. NU BOP. SDFN.  
**Daily Cost \$ 2,136 Cumulative Cost \$ 2,136**

**LOMAX EXPLORATION COMPANY**  
**MONUMENT BUTTE FEDERAL #6-34**  
**SW/NW 1980' FNL 1980' FWL Sec. 34, T8S, R16E**  
**Duchesne County, Utah**  
**API# 43-013-31504**

wf  
 Attachment G-1  
 3 of 16

**DAILY WORKOVER REPORT**

- 06/06/95 Present Operation:** POOH w/ Pipe (Day 1)  
**Summary:** 06/05/95- MIRU. LD horsehead. Unseat pump. Flush tbg w/ 40 bbls KCL. POOH w/ rods. ND wellhead. Release anchor. NU BOP. SDFN.  
 Daily Cost \$ 2,136 Cumulative Cost \$ 2,136
- 06/07/95 Present Operation:** Perforate (Day 2)  
**Summary:** 06/06/95- Flush tbg w/ 150 bbls 2% KCL. POOH w/ tbg. RU Western Atlas WLT. Set RBP @ 5420'. Dump 2 sx sd on plug. Perf from 5042'-51', & 5089'-98', 4 SPF, 72 holes. RIH w/ tbg & pkr. Set pkr @ 4940'. RU swab. Swab tbg dry. Rec 50 bbls KCL wtr. SDFN.  
 Daily Cost \$ 6,995 Cumulative Cost \$ 9,131
- 06/08/95 Present Operation:** RIH w/ Pipe (Day 3)  
**Summary:** 06/07/95- SITP 0. RIH w/ swab. Hit fluid @ 1500'. Pulled from 3000', rec 8 BF w/ 30% oil cut. RU Nowaco. Breakdown perfs w/ 84 bbls 130° KCL & 110 ball sealers. Initial break @ 3150#, followed by good ball action, until balled out. Surge balls of perfs. Pump step test & displaced hole w/ warm KCL. POOH w/ tbg. RU & frac "D" zone as follows:  
     Pad 7500 gal  
     Ramp 2# - 6# 16/30 sand w/ 11,000 gals  
     Ramp 6# - 8# 16/30 sand w/ 4775 gals  
     Flush 4998 gals KCL  
     Total Fluid 28,273 gals  
     Total Sand 77,000# 16/30  
 Max TP 2900 @ 32 BPM, Avg TP 2250 @ 32 BPM, ISIP 2482, 118 bbls KCL  
 Start flow back immediately @ 1 BPM. Well flowed for 11 hrs before dyeing. Rec 266 bbls KCL & frac gel w/ sd and tr oil near the end. SWIFN.  
 Daily Cost \$ 22,507 Cumulative Cost \$ 31,638
- 06/09/95 Present Operation:** Swabbing (Day 4)  
**Summary:** 06/08/95- SICP 0 psi. Bleed well off. RIH w/ tbg past perfs. Pull tbg up to 4939'. RU & swab. Made 7 runs. Rec 59 BF. Last run fluid @ 600' w/ 2% oil cut, no ad. RIH w/ tbg. Circ sd of BP. Latch onto & release. POOH LD BP. RIH w/ NC, 3 jts, SN, 5 jts, AC, 163 jts 2 7/8" tbg. Made 4 swab runs. Rec 35 BF. Last run FL @ 1400', fluid had 2% oil cut, no sd. ND BOP. Set AC W/ 14,000# tension. NUWH. SDFN.  
 Daily Cost \$ 2,808 Cumulative Cost \$ 34,446
- 06/10/95 Present Operation:** On Production (Day 5)  
**Summary:** 06/09/95- PU prime pump. RIH w/ 1 1/2" Axelson THD pump, 4 wt rods, 117 - 3/4" slick, 98 - 3/4" scraped, 1 - 4', 2 - 6', 3/4" pony rods. PU polish rod. Seat pump. Fill tbg w/ 6 bbls KCL. Press to 300 psi. Stroke up to 1000 psi w/ unit, held. RDSUMOL. Place back on production.  
 Daily Cost \$(W/O Costs) Cumulative Cost \$



Attachment G-1  
4 of 16

## SUMMARY WORKOVER REPORT

**MB FED 06-34**

SE/NW Section 34 - T8S - R16E  
Duchesne Co., UT  
API # 43-013-1504

Spud Dat 2/28/95  
TD 6200'  
Completion or Workover Rig Basin # 1

**Report Date 3/22/01 Day 1**

**Pump Change**

**Date Work Performed 3/21/01**

MIRU Basin # 1. Pumped 100 bw down csg @ 250\*. Unhang head and unseat pump. Flush rods w/ 60 bw @ 250\* and soft seat pump. Pressure test tbg to 800 psi. Unseat pump and POOH w/ rods and pump. TIH w/ Axelson 2 1/2" X 1 1/2" X 15' RHAC Pump, 4 - 1 1/2" wt bars, 117 - 3/4" slick rods, 98 - 3/4" guided rods, 2 - 6' X 3/4" pony rods, 1 - 4' X 3/4" pony rod, 1 - 1 1/2" X 22' polish rod. Hang head and space out rods. Fill tbg w/ 8 bw and stroke pump up to 800 psi. Place on production @ 3:00 PM W/ 100" SL and 4 SPM.

Daily Cost \$3,400 Cumulative Cost \$3,400

**Report Date 7/10/01 Day 1**

**Recompletion**

**Date Work Performed 7/9/01**

MIRU Ross #11. Pump 200 BW down csg @ 225 degrees F. Unseat rod pump. Flush tbg & rods w/60 BW @ 225 degrees F. TOH w/rods and LD pump. Had slight rod coupling wear above weight rods. ND wellhead & release TA @ 5371'. NU BOP and TOH and tally production tbg. LD BHA and TIH w/4 3/4" bit, 5 1/2" csg scraper & 170 jts of 2 7/8" 8 rd, 6.5#, J-55 production tbg. PU 4 jts work string. Tag sand @ 5698' (59' new fill, still 146' rathole). TOH w/tbg and LD bit & scraper. SIFN w/est 260 BWTR.

Supervisor: Gary Dietz

Daily Cost \$6,430 Cumulative Cost \$9,830

**Report Date 7/11/01 Day 2**

**Recompletion**

**Date Work Performed 7/10/01**

RU Schlumberger & run Gamma Ray Correlation strip across proposed perfs. RIH w/5-1/2" "CE" RBP. Set plug @ 4660' & fill hole w/110 BW. Pressure test plug to 3000 psi; run 4" perf gun & perf GB6 sds 4548-68' w/4 JSPF. Total of 2 runs; RD WLT. NU isolation tool. RU BJ Services & frac GB6 sds w/100,120# of 20/40 sand in 647 bbls Viking I-25 fluid. Perfs broke down @ 2850 psi. Treated @ avg pressure of 2050 psi w/avg rate of 30 BPM. ISIP 2360 psi. RD BJ & begin immediate flowback of GB frac on 12/64" choke @ 1 BPM. Zone flowed 5 hrs & died. Rec. 230 BTF (est 35% of frac load). SIFN w/est 787 BWTR.

6000 gals of pad;

4500 gals w/1-5 ppg of 20/40 sand;

9000 gals w/5-8 ppg of 20/40 sand;

3216 gals w/8 ppg of 20/40 sand;

Flush w/4452 gals of slick water.

Max TP 2400, max rate 30 BPM, Total fluid pumped 647 bbls

Avg TP 2050, avg rate 30 BPM, total prop pumped 100,120#,

ISIP 2360, FG: .95

Supervisor: Gary Dietz

Daily Cost \$38,683 Cumulative Cost \$48,513

**Report Date 7/12/01 Day 3**

**Recompletion**



Attachment G-1  
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## SUMMARY WORKOVER REPORT

**Date Work Performed** 7/11/01

TIH W/RH & tbg. Tbg displaced 11 BW on TIH, Tag sand @ 4580'. C/O sd to RBP @ 4660'. Circ hole clean. Lost no fluid. Pull EOT to 4627'. RU swab equipment. IFL @ sfc. Made 19 swab runs & rec 195 BTF W/ tr oil, fair gas & tr sand. FFL @ 3200'. SIFN w/ est 581 BWTR.

**Supervisor:** Gary Dietz

**Daily Cost** \$3,097 **Cumulative Cost** \$51,610

**Report Date** 7/13/01 **Day** 4

**Recompletion**

**Date Work Performed** 7/12/01

Bleed gas off well. Cont swabbing; tag fluid @ 1900'. Swab to RBP @ 4660' - made 8 swab runs for 47 BW & 17 BO. Heavy sand. Sand line parted; TOH. Swab assembly left in hole. RU Four Star Fishing Tools, TIH to retrieve swab assembly w 4 1/2" overshot & bumper-sub. Tag swab assembly and TOH; did not have anything in over-shot. TIH W/ Fishing tools. SWIFN W/est 521 BTR.

**Supervisor:** Ray Herrera

**Daily Cost** \$1,210 **Cumulative Cost** \$52,820

**Report Date** 7/14/01 **Day** 5

**Recompletion**

**Date Work Performed** 7/13/01

Finish TIH w/Four Star fishing tools w/141 jts tbg, bumper sub and 4-3/8" overshot. Tag swab assembly @ 4610'. Break circ & wash over swab assembly. TOO H & LD fishing tools & swab assembly. TIH w/RH & SN, tag sand @ 4610'. RU Zubiate hot oil & pump 65 BW down tbg @ 275°F. RU swab assembly. Made 13 swab runs & rec. 135 BW w/trace oil & heavy sand. SIWFN w/est 676 BWTR.

**Supervisor:** Ray Herrera

**Daily Cost** \$2,414 **Cumulative Cost** \$55,234

**Report Date** 7/15/01 **Day** 6

**Recompletion**

**Date Work Performed** 7/14/01

Bleed well off. PU 1 jt tbg & tag sand @ 4620'. LD 1 jt tbg and RU to swab. Made 10 swab runs and rec. 37 BW, 8 BO and some sand. PU 1 jt & circ bottoms up. LD 1 jt, and tag sand @ 4616'. Made 16 swab runs and rec. 122 BW and 1 BO (last 3 swab runs - no sand). Circ bottoms up and release RBP. TOO H & LD RH, SN & RBP. TIH w/BHA & production string as follows: 2 7/8" NC, 1 jt tbg, SN (new), 3 jts tbg, repaired Randys 5 1/2" TA (45K) and 167 jts 2 7/8", 8rd, 6.5#, J-55 tbg. SWIFN w/est 346 BWTR.

**Supervisor:** Ray Herrera

**Daily Cost** \$3,206 **Cumulative Cost** \$58,440

**Report Date** 7/16/01 **Day** 7

**Recompletion**



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## SUMMARY WORKOVER REPORT

Date Work Performed 7/15/01

Bleed well off, ND BOP. Set TA @ 5498' W/SN @ 5598' & EOT @ 5632'. Land tbg w/ 14,000# tension. NU well head, and flush tbg w/ 35 bw @ 250°F. TIH w/ pump & rod string as follows: repaired Randy's 2 1/2" x 1 1/2" x 14.5' RHAC pump, 4-1 1/2" wt rods, 10-3/4" scraped rods, 110-3/4" plain rods, 98 -3/4" scraped rods, 1-4' pony rod and 1 1/2" x 22 polished rod. Seat pump and RU pumping unit. Fill tbg w/ 20 BW. Press test pump & tbg to 200 psi. Stroke pump up w/ unit to 800 psi; good pump action. Est 366 BWTR. PLACE WELL ON PRODUCTION @ 12:00PM 7/15/01 W/ 101 SL @ 6.5 SPM. FINAL REPORT.

Supervisor: Ray Herrera

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Daily Cost \$3,420 Cumulative Cost \$61,860



Attachment G-1  
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### DAILY WORKOVER REPORT

WELL NAME: Monument Butte Federal 6-34-8-16

Report Date: June 7, 2003

Day: 01

Operation: Re-complete

Rig: Pool #820

#### WELL STATUS

Surf Csg: 8 5/8 @ 310' Prod Csg: 5 1/2 @ 6207' WT: 15.5# Csg PBTD: 5747'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 5632' BP/Sand PBTD: 5698'

#### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4548-4568'	4/80			
D sds	5042-5051'	4/36			
D sds	5089-5098'	4/36			
A sds	5520-5552'	4/128			

#### CHRONOLOGICAL OPERATIONS

Date Work Performed: June 6, 2003

SITP: 0 SICP: 0

MIRU Pool #820. RU HO trk & pump 100 BW dn casing @ 250°F. RD pumping unit & unseat rod pump. Flush tbg & rods W/ 60 BW @ 250°F. Re-seat pump & strip off flow T. Fill tbg W/ 10 BW & pressure test tbg to 3500 psi. Retrieve rod string & unseat pump. TOH W/ rod string. LD pump. SIFN W/ est 170 BWTR.

#### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 0 Starting oil rec to date: 0  
Fluid lost/recovered today: 170 Oil lost/recovered today: \_\_\_\_\_  
Ending fluid to be recovered: 170 Cum oil recovered: \_\_\_\_\_  
IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

#### TUBING DETAIL

##### AS PULLED:

KB 14.00'  
167 2 7/8 J-55 tbg  
TA @ 5498'  
3 2 7/8 J-55 tbg  
SN @ 5599'  
1 2 7/8 J-55 tbg  
EOT @ 5632'

#### ROD DETAIL

##### AS PULLED:

1 1/2" X 22' polished rod  
1-4' X 3/4" pony rod  
98-3/4" scraped rods  
110-3/4" plain rods  
10-3/4" scraped rods  
4-1" scraped rods  
2 1/2" X 1 1/2" X 14.5' RHAC pp

#### COSTS

Pool rig	\$934
Tiger trucking	\$1,200
IPC wtr & truck	\$400
Zubiate HO trk	\$624
Randys' pump repair	\$1,000
Randys' TA repair	\$400
IPC trucking	\$1,200
Weatherford scraper	\$300
IPC supervision	\$300

Workover Supervisor: Gary Dietz

DAILY COST: \$6,358  
TOTAL WELL COST: \$6,358



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### DAILY WORKOVER REPORT

WELL NAME: Monument Butte Federal 6-34-8-16

Report Date: June 8, 2003

Day: 02

Operation: Re-complete

Rig: Pool #820

#### WELL STATUS

Surf Csg: 8 5/8 @ 310' Prod Csg: 5 1/2 @ 6207' WT: 15.5# Csg PBTD: 5747'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: N-80 Pkr/EOT @: 5676' BP/Sand PBTD: 5739'

#### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4548-4568'	4/80			
D sds	5042-5051'	4/36			
D sds	5089-5098'	4/36			
A sds	5520-5552'	4/128			

#### CHRONOLOGICAL OPERATIONS

Date Work Performed: June 7, 2003

SITP: 0 SICP: 70

Bleed gas off well. ND wellhead. Release TA @ 5498'. NU BOP. TOH & talley production tbg--LD BHA. PU & TIH W/ new Varel 4 3/4" tooth bit, 5 1/2" casing scraper & 2 7/8 8rd 6.5# N-80 tbg. Tag fill @ 5739'. Pull EOT to 5676'. RU drilling equipment. SIFN W/ est 170 BWTR.

#### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 170 Starting oil rec to date: 0  
Fluid lost/recovered today: 0 Oil lost/recovered today: 0  
Ending fluid to be recovered: 170 Cum oil recovered: 0  
IFL:      FFL:      FTP:      Choke:      Final Fluid Rate:      Final oil cut:     

#### TUBING DETAIL

##### AS PULLED:

KB 14.00'  
167 2 7/8 J-55 tbg  
TA @ 5498'  
3 2 7/8 J-55 tbg  
SN @ 5599'  
1 2 7/8 J-55 tbg  
EOT @ 5632'

#### ROD DETAIL

##### AS PULLED:

1 1/2" X 22' polished rod  
1-4' X 3/4" pony rod  
98-3/4" scraped rods  
110-3/4" plain rods  
10-3/4" scraped rods  
4-1" scraped rods  
2 1/2" X 1 1/2" X 14.5' RHAC pp

#### COSTS

Pool rig	\$2,505
Weatherford BOP	\$130
IPC wtr & truck	\$600
McKonkie-Varel bit	\$450
WE mach.-bonnet rep.	\$300
IPC supervision	\$300

Workover Supervisor: Gary Dietz

DAILY COST: \$4,285  
TOTAL WELL COST: \$10,643





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### DAILY WORKOVER REPORT

WELL NAME: Monument Butte Federal 6-34-8-16

Report Date: June 10, 2003

Day: 03

Operation: Re-complete

Rig: Pool #820

#### WELL STATUS

Surf Csg: 8 5/8 @ 310' Prod Csg: 5 1/2 @ 6207' WT: 15.5# Csg PBTD: 6152'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: N-80 Pkr/EOT @: 0 BP/Sand PBTD: 6152'

#### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4548-4568'	4/80			
D sds	5042-5051'	4/36			
D sds	5089-5098'	4/36			
A sds	5520-5552'	4/128			

#### CHRONOLOGICAL OPERATIONS

Date Work Performed: June 9, 2003

SITP: 0 SICP:

TIH W/ bit, scraper & N-80 tbg f/ 5676'. RU power swivel. Establish reverse circulation W/ 160 BW. C/O fill to cmt top @ 5747'. Drill cmt to new PBTD @ 6152'. Circ hole clean. Lost add'l 205 BW. RD swivel. TOH W/ tbg & LD bit. SIFN W/ est 535 BWTR.

#### FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: <u>170</u>	Starting oil rec to date: <u>0</u>
Fluid lost/recovered today: <u>365</u>	Oil lost/recovered today: <u></u>
Ending fluid to be recovered: <u>535</u>	Cum oil recovered: <u>0</u>
IFL: <u></u> FFL: <u></u> FTP: <u></u>	Choke: <u></u> Final Fluid Rate: <u></u> Final oil cut: <u></u>

#### STIMULATION DETAIL

Base Fluid used:  Job Type:

Company:

Procedure or Equipment detail:

#### COSTS

Pool rig	\$3,453
Weatherford BOP	\$130
IPC wtr & truck	\$600
IPC supervision	\$300

Max TP:  Max Rate:  Total fluid pmpd:

Avg TP:  Avg Rate:  Total Prop pmpd:

ISIP:  5 min:  10 min:  FG:

Completion Supervisor: Gary Dietz

DAILY COST: \$4,483

TOTAL WELL COST: \$15,126



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### DAILY WORKOVER REPORT

WELL NAME: Monument Butte Federal 6-34-8-16

Report Date: June 11, 2003

Day: 04

Operation: Re-complete

Rig: Pool #820

#### WELL STATUS

Surf Csg: 8 5/8 @ 310' Prod Csg: 5 1/2 @ 6207' WT: 15.5# Csg PBTD: 6152'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: N-80 Pkr/EOT @: 5860' BP/Sand PBTD: 6152'  
BP/Sand PBTD: 6100'

#### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4548-4568'	4/80	CP .5 sds	NEW 5899-5904'	4/20
D sds	5042-5051'	4/36	CP1 sds	NEW 5940-5944'	4/16
D sds	5089-5098'	4/36	CP2 sds	NEW 5978-5984'	4/24
A sds	5520-5552'	4/128			

#### CHRONOLOGICAL OPERATIONS

Date Work Performed: June 10, 2003

SITP:            SICP: 0

RU Patterson WLT & run CBL f/ WLTD @ 6145' to 5570'. Perf stage #1 W/ 4" ported perf guns as follows: CP2 sds @ 5978-84'; CP1 sds @ 5940-44' & CP .5 sds @ 5899-5904'. All 4 JSPF in 1 run. RD WLT. TIH W/ Weatherford 5 1/2" "TS" RBP, RH, tbg sub, 5 1/2" "HD" pkr & 2 7/8 N-80 tbg. Set plug @ 6100' & pkr elements @ 5860' (EOT @ 5870'). Fill tbg W/ 15 BW & pressure test tools (against CP sds) to 800 psi. Fill annulus & hold 100-300 psi during frac (used 85 BW). RU BJ Services to tbg and frac CP sds W/ 79,030# 20/40 sand in 630 bbls Viking I-25 fluid. Perfs broke down @ 3431 psi. Treated @ ave press of 4000 psi W/ ave rate of 16 BPM. ISIP-1885 psi. RD BJ. Begin immediate flowback of CP frac on 12/64 choke @ 1 BPM. Zone flowed 4 hrs & died. Rec 209 BTF (est 33% of frac load). SIFN W/ est 1056 BWTR.

#### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 535 Starting oil rec to date: 0  
Fluid lost/recovered today: 521 Oil lost/recovered today:             
Ending fluid to be recovered: 1056 Cum oil recovered: 0  
IFL:            FFL:            FTP:            Choke: 12/64 Final Fluid Rate:            Final oil cut:           

#### STIMULATION DETAIL

#### COSTS

Base Fluid used: Viking I-25 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: CP .5, CP1 & CP2 sands

**\*\*PUMPED DOWN 2 7/8 N-80 TUBING\*\***

7800 gals of pad

5212 gals W/ 1-4 ppg of 20/40 sand

10280 gals W/ 4-6.5 ppg of 20/40 sand

1770 gals W/ 6.5 ppg of 20/40 sand

Flush W/ 1386 gals of slick water

Pool rig \$2,225

Weatherford BOP \$130

Betts frac wtr \$900

Zubiate HO (frac wtr) \$960

IPC frac valve \$300

Patterson - CBL/CP \$3,000

IPC flowback super \$150

BJ Services - CP sds \$23,670

Weatherford tools/serv \$2,550

IPC supervision \$300

Max TP: 4700 Max Rate: 17.5 BPM Total fluid pmpd: 630 bbls

Avg TP: 4000 Avg Rate: 16 BPM Total Prop pmpd: 79,030#

ISIP: 1885 5 min:            10 min:            FG: .75

Completion Supervisor: Gary Dietz

DAILY COST: \$34,185

TOTAL WELL COST: \$49,311



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### DAILY WORKOVER REPORT

WELL NAME: Monument Butte Federal 6-34-8-16

Report Date: June 12, 2003

Day: 05

Operation: Re-complete

Rig: Pool #820

#### WELL STATUS

Surf Csg: 8 5/8 @ 310' Prod Csg: 5 1/2 @ 6207' WT: 15.5# Csg PBTD: 6152'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: N-80 Pkr/EOT @: 5625' BP/Sand PBTD: 6152'  
BP/Sand PBTD: 5870'

#### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4548-4568'	4/80	LODC sds NEW	5739-5744'	4/20
D sds	5042-5051'	4/36	LODC sds NEW	5758-5770'	4/48
D sds	5089-5098'	4/36	LODC sds NEW	5788-5791'	4/12
C sds NEW	5181-5184'	4/12	LODC sds NEW	5804-5807'	4/12
BIC sds NEW	5248-5252'	4/16	LODC sds NEW	5814-5816'	4/8
A sds	5520-5552'	4/128	LODC sds NEW	5820-5822'	4/8
LODC sds NEW	5562-5572'	4/10	CP .5 sds NEW	5899-5904'	4/20
LODC sds NEW	5586-5590'	4/16	CP1 sds NEW	5940-5944'	4/16
LODC sds NEW	5705-5710'	4/20	CP2 sds NEW	5978-5984'	4/24
LODC sds NEW	5716-5721'	4/20			

#### CHRONOLOGICAL OPERATIONS

Date Work Performed: June 11, 2003

SITP: 0 SICP: 0

Fill & pressure up annulus to 800 psi (60 bbls to fill). PU on tbg & open bypass on pkr. Rev circ tbg clean. Release pkr & TIH W/ tbg. Tag sd @ 5990'. C/O sd to RBP @ 6100'. Circ hole clean. Lost est 30 BW. Release plug. Pull tbg & tools uphole. Set plug @ 5870' & pkr @ 5845'. Pressure test tools to 2000 psi. TOH W/ tbg & pkr. RU Patterson WLT & perf remaining new intervals W/ 4" ported guns as follows: stage #2: LODC sds @ 5705-10', 5716-21', 5739-44', 5758-70', 5788-91', 5804-07', 5814-16' & 5820-22'; stage #3: LODC sds @ 5562-72' & 5586-90'; stage #4: BIC sds @ 5248-52' & C sds @ 5181-84'. All 4 JSPF in 3 runs total. RD WLT. TIH W/ RH, tbg sub, re-run Weatherford 5 1/2" "HD" pkr & 2 7/8 N-80 tbg. Set pkr elements @ 5615' (EOT @ 5625'). Fill & hold annulus full during frac (used 30 BW). RU BJ Services to tbg and frac LODC sds (5705' through 5822') W/ 117,747# 20/40 sand in 900 bbls Viking I-25 fluid. Perfs broke down @ 3902 psi. Treated @ ave press of 4400 psi W/ ave rate of 17.3 BPM. ISIP-2390 psi. RD BJ. Begin immediate flowback of frac on 12/64 choke @ 1 BPM. Zone flowed 6 1/4 hrs & died. Rec 366 BTF (est 41% of frac load). SIFN W/ est 1710 BWTR.

#### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1056 Starting oil rec to date: 0  
Fluid lost/recovered today: 654 Oil lost/recovered today: 0  
Ending fluid to be recovered: 1710 Cum oil recovered: 0  
IFL:          FFL:          FTP:          Choke: 12/64 Final Fluid Rate:          Final oil cut:         

#### STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: LODC sands

**\*\*PUMPED DOWN 2 7/8 N-80 TUBING\*\***

11800 gals of pad

7484 gals W/ 1-4 ppg of 20/40 sand

14960 gals W/ 4-6.5 ppg of 20/40 sand

2168 gals W/ 6.5 ppg of 20/40 sand

Flush W/ 1386 gals of slick water

Max TP: 4600 Max Rate: 17.6 BPM Total fluid pmpd: 900 bbls

Avg TP: 4400 Avg Rate: 17.3 BPM Total Prop pmpd: 117,747#

ISIP: 2390 5 min:          10 min:          FG: .85

Completion Supervisor: Gary Dietz

#### COSTS

Pool rig	\$2,489
Weatherford BOP	\$130
Betts frac wtr	\$1,300
Zubiate HO (frac wtr)	\$1,320
IPC frac valve	\$300
Patterson - perfs	\$4,009
IPC flowback super	\$270
BJ Services - LODC	\$22,682
Weatherford service	\$550
RNI wtr disposal	\$700
IPC supervision	\$300

DAILY COST: \$34,050

TOTAL WELL COST: \$83,361



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### DAILY WORKOVER REPORT

WELL NAME: Monument Butte Federal 6-34-8-16

Report Date: June 13, 2003

Day: 6a

Operation: Re-complete

Rig: Pool #820

#### WELL STATUS

Surf Csg: 8 5/8 @ 310' Prod Csg: 5 1/2 @ 6207' WT: 15.5# Csg PBDT: 6152'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: N-80 Pkr/EOT @: 5625' BP/Sand PBDT: 6152'  
BP/Sand PBDT: 5650'

#### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4548-4568'	4/80	LODC sds NEW	5739-5744'	4/20
D sds	5042-5051'	4/36	LODC sds NEW	5758-5770'	4/48
D sds	5089-5098'	4/36	LODC sds NEW	5788-5791'	4/12
C sds NEW	5181-5184'	4/12	LODC sds NEW	5804-5807'	4/12
BIC sds NEW	5248-5252'	4/16	LODC sds NEW	5814-5816'	4/8
A sds	5520-5552'	4/128	LODC sds NEW	5820-5822'	4/8
LoDC sds NEW	5562-5572'	4/10	CP .5 sds NEW	5899-5904'	4/20
LoDC sds NEW	5586-5590'	4/16	CP1 sds NEW	5940-5944'	4/16
LODC sds NEW	5705-5710'	4/20	CP2 sds NEW	5978-5984'	4/24
LODC sds NEW	5716-5721'	4/20			

#### CHRONOLOGICAL OPERATIONS

Date Work Performed: June 12, 2003

SITP: 2400 SICP:

Day 6a:

Release HD packer. TIH with tbg, & tag sand @ 5830' Clean out to TS plug @ 5870' Circulate well bore clean. Release TS plug and reset @ 5650' Set HD packer @ 5450'. Water loss est. @ 55 bbls to clean out. Rig up BJ and frac A sand & LoDC sands listed above down 27/8" N-80 frac string with: 233 bbls Viking1-25 pad, 518 bbls Viking 1-25 fluid w/ 100,632 # 's 20/40 white mesh sand, Flushed tbg w/ 31 bbls slick water @ 17.5 bpm rate. Zone broke down @ 4505 psi. Used 50 bbls water to hold annular pressure. Treated with total of 782 bbls + 105 bbls = 887 bbls fluid to recover. Start immediate flow back @ 1 bpm on 12/64 choke till well was dead. Flowed 3 1/4 hours & 173 bbls w/ heavy sand. See day 6b:

#### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1710 Starting oil rec to date: 0  
Fluid lost/recovered today: 714 Oil lost/recovered today:   
Ending fluid to be recovered: 2424 Cum oil recovered: 0  
IFL: 300 FFL: srfc FTP:  Choke: 12/64 Final Fluid Rate:  Final oil cut:

#### STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: A & LoDC sands

**\*\*PUMPED DOWN 2 7/8 N-80 TUBING\*\***

9786 gals of pad

7224 gals W/ 1-4 ppg of 20/40 sand

15909 gals W/ 4-6.5 ppg of 20/40 sand

3234 gals W/ 6.5 ppg of 20/40 sand

Flush W/ 1302 gals of slick water

#### COSTS

Pool rig	\$3,090
Weatherford BOP	\$130
Betts frac wtr	\$1,000
Zubiate HO (frac wtr)	\$500
IPC frac valve	\$300
IPC flowback super	\$270
BJ Services - LODC	\$26,705
Weatherford service	\$550
RNI wtr disposal	\$700
IPC supervision	\$300

Max TP: 4500 Max Rate: 17.5 BPM Total fluid pmpd: 782

Avg TP: 4100 Avg Rate: 17.3 BPM Total Prop pmpd: 100632

ISIP: 2400 5 min:  10 min:  FG: .866

Completion Supervisor: Pat Wisenr

DAILY COST: \$33,545

TOTAL WELL COST: \$116,906

Attachment G-1  
13 of 16

## DAILY WORKOVER REPORT

WELL NAME: Monument Butte Federal 6-34-8-16Report Date: June 13, 2003Day: 6bOperation: Re-completeRig: Pool #820

## WELL STATUS

Surf Csg: 8 5/8 @ 310' Prod Csg: 5 1/2 @ 6207' WT: 15.5# Csg PBTD: 6152'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: N-80 Pkr/EOT @: 5625' BP/Sand PBTD: 6152'  
BP/Sand PBTD: 5296

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	<u>4548-4568'</u>	<u>4/80</u>	LODC sds NEW	<u>5739-5744'</u>	<u>4/20</u>
D sds	<u>5042-5051'</u>	<u>4/36</u>	LODC sds NEW	<u>5758-5770'</u>	<u>4/48</u>
D sds	<u>5089-5098'</u>	<u>4/36</u>	LODC sds NEW	<u>5788-5791'</u>	<u>4/12</u>
C sds NEW	<u>5181-5184'</u>	<u>4/12</u>	LODC sds NEW	<u>5804-5807'</u>	<u>4/12</u>
BIC sds NEW	<u>5248-5252'</u>	<u>4/16</u>	LODC sds NEW	<u>5814-5816'</u>	<u>4/8</u>
A sds	<u>5520-5552'</u>	<u>4/128</u>	LODC sds NEW	<u>5820-5822'</u>	<u>4/8</u>
LoDC sds NEW	<u>5562-5572'</u>	<u>4/10</u>	CP .5 sds NEW	<u>5899-5904'</u>	<u>4/20</u>
LoDC sds NEW	<u>5586-5590'</u>	<u>4/16</u>	CP1 sds NEW	<u>5940-5944'</u>	<u>4/16</u>
LODC sds NEW	<u>5705-5710'</u>	<u>4/20</u>	CP2 sds NEW	<u>5978-5984'</u>	<u>4/24</u>
LODC sds NEW	<u>5716-5721'</u>	<u>4/20</u>			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: June 12, 2003SITP: 1700 SICP:           

Day 6b:

Release HD packer. TIH with tbg, & tag sand @ 5631' Clean out to TS plug @ 5650' Circulate well bore clean. Release TS plug and reset @ 5296' Set HD packer @ 5140'. Rig up BJ and frac B sand & C sands listed above down 27/8" N-80 frac string with: 79 bbls Viking1-25 pad, 198 bbls Viking 1-25 fluid w/ 38341 # 's 20/40 white mesh sand, Flushed tbg w/ 28 bbls slick water @ 17.5 bpm rate. Zone broke down @ 3500 psi. Used 20 bbls water to hold annular pressure. Treated with total of 305 bbls + 20 bbls = 325 bbls fluid to recover. Start immediate flow back @ 1 bpm on 12/64 choke till well was dead. Flowed 2 1/2 hours & 112 bbls.  
2637 TOTAL bbls fluid to recover.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2424 Starting oil rec to date: 0  
Fluid lost/recovered today: 213 Oil lost/recovered today:             
Ending fluid to be recovered: 2737 Cum oil recovered: 0  
IFL: 300 FFL: srfc FTP:            Choke: 12/64 Final Fluid Rate:            Final oil cut:           

## STIMULATION DETAIL

## COSTS

Base Fluid used: Viking I-25 Job Type: Sand fracCompany: BJ ServicesProcedure or Equipment detail: A & LoDC sands\*\*PUMPED DOWN 2 7/8 N-80 TUBING\*\*3318 gals of pad2431 gals W/ 1-4 ppg of 20/40 sand4890gals W/ 4-6.5 ppg of 20/40 sand500 gals W/ 6.5 ppg of 20/40 sandFlush W/ 1176 gals of slick water

IPC supervision	<u>\$300</u>
IPC flowback super	<u>\$200</u>
Betts frac wtr	<u>\$250</u>
Zubiate HO (frac wtr)	<u>\$200</u>
IPC frac valve	<u>\$300</u>
BJ Services - B&C	<u>\$9,758</u>

Max TP: 4000 Max Rate: 17.5 BPM Total fluid pmpd: 305Avg TP: 2750 Avg Rate: 17.6 BPM Total Prop pmpd: 38,341ISIP: 1700 5 min:            10 min:            FG: .759Completion Supervisor: Pat WisenrDAILY COST: \$11,008TOTAL WELL COST: \$127,914



Attachment G-1  
14 of 16

### DAILY WORKOVER REPORT

WELL NAME: Monument Butte Federal 6-34-8-16

Report Date: June 14, 2003

Day: 07

Operation: Re-complete

Rig: Pool #820

#### WELL STATUS

Surf Csg: 8 5/8 @ 310' Prod Csg: 5 1/2 @ 6207' WT: 15.5# Csg PBTD: 6152'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: N-80 Pkr/EOT @: 6041' BP/Sand PBTD: 6152'

#### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4548-4568'	4/80	LODC sds	NEW 5739-5744'	4/20
D sds	5042-5051'	4/36	LODC sds	NEW 5758-5770'	4/48
D sds	5089-5098'	4/36	LODC sds	NEW 5788-5791'	4/12
C sds	NEW 5181-5184'	4/12	LODC sds	NEW 5804-5807'	4/12
BIC sds	NEW 5248-5252'	4/16	LODC sds	NEW 5814-5816'	4/8
A sds	5520-5552'	4/128	LODC sds	NEW 5820-5822'	4/8
LoDC sds	NEW 5562-5572'	4/10	CP .5 sds	NEW 5899-5904'	4/20
LoDC sds	NEW 5586-5590'	4/16	CP1 sds	NEW 5940-5944'	4/16
LODC sds	NEW 5705-5710'	4/20	CP2 sds	NEW 5978-5984'	4/24
LODC sds	NEW 5716-5721'	4/20			

#### CHRONOLOGICAL OPERATIONS

Date Work Performed: June 13, 2003

SITP: 0 SICP: 0

Fill & pressure up on annulus. PU on tbg & open bypass on pkr. Rev circ tbg clean. Release pkr & TIH W/ tbg. Tag sd @ 5280'. C/O sd to RBP @ 5296'. Circ hole clean. Lost est 35 BW. Release plug. TOH W/ tbg & LD tools. TIH W/ NC & tbg. Tag PBTD @ 6152'. Pull EOT to 6041'. RU swab equipment. IFL @ 150'. Made 22 swb runs rec 198 BTF (est 188 BW & 10 BO) W/ no sand & light gas. FFL @ 1475'. FOC @ 10%. SIFN W/ est 2484 BWTR.

#### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2637 Starting oil rec to date: 0  
Fluid lost/recovered today: 153 Oil lost/recovered today: 10  
Ending fluid to be recovered: 2484 Cum oil recovered: 10  
IFL: 150' FFL: 1475' FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: 10%

#### STIMULATION DETAIL

#### COSTS

Base Fluid used: \_\_\_\_\_ Job Type: \_\_\_\_\_

Company: \_\_\_\_\_

Procedure or Equipment detail: \_\_\_\_\_

Pool rig	\$2,325
Weatherford BOP	\$130
Betts wtr transfer	\$300
IPC trucking	\$300
IPC supervision	\$300

Max TP: \_\_\_\_\_ Max Rate: \_\_\_\_\_ Total fluid pmpd: \_\_\_\_\_

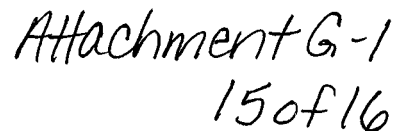
Avg TP: \_\_\_\_\_ Avg Rate: \_\_\_\_\_ Total Prop pmpd: \_\_\_\_\_

ISIP: \_\_\_\_\_ 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: \_\_\_\_\_

Completion Supervisor: Gary Dietz

DAILY COST: \$3,355

TOTAL WELL COST: \$134,509



**Report Date:** June 15, 2003

**Day: 08**

Operation: **Re-complete**

Rig: Pool #820

Surf Csg: 8 5/8 @ 310' Prod Csg: 5 1/2 @ 6207' WT: 15.5# Csg PBTB: 6152'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 6043' BP/Sand PBTB: 6152'

NEW RECORD			NEW RECORD		
<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
GB6 sds	4548-4568'	4/80	LODC sds	NEW 5739-5744'	4/20
D sds	5042-5051'	4/36	LODC sds	NEW 5758-5770'	4/48
D sds	5089-5098'	4/36	LODC sds	NEW 5788-5791'	4/12
C sds	NEW 5181-5184'	4/12	LODC sds	NEW 5804-5807'	4/12
BIC sds	NEW 5248-5252'	4/16	LODC sds	NEW 5814-5816'	4/8
A sds	5520-5552'	4/128	LODC sds	NEW 5820-5822'	4/8
LoDC sds	NEW 5562-5572'	4/10	CP .5 sds	NEW 5899-5904'	4/20
LoDC sds	NEW 5586-5590'	4/16	CP1 sds	NEW 5940-5944'	4/16
LODC sds	NEW 5705-5710'	4/20	CP2 sds	NEW 5978-5984'	4/24
LODC sds	NEW 5716-5721'	4/20			

**Date Work Performed:** June 14, 2003

**SITP: 100      SICP: 50**

Bleed off well. RU swab equipment. IFL @ 1325'. Made 7 swb runs rec 57 BTF (est 53 BW & 4 BO) W/ no sand & light gas. FFL @ 1650'. FOC @ 10%. RD swab equipment. TIH tbg tag fill @ 6144' ( 8' new fill ). Clean out sand to PBTD @ 6152' ( est lost 110 BW during clean out). LD 191 jts N-80 tbg & pinned NC. TIH W/ production tbg as follows: 2 7/8" NC, 2 jts tbg, SN, 3 jts tbg, 5 1/2" TA & 179 jts tbg. ND BOP's. Set TA W/ 14000# tension @ 5879'. NU well head. SWIFN W/ est SIFN W/ est 2484 BWTR.

Starting fluid load to be recovered:	<u>2484</u>	Starting oil rec to date:	<u>10</u>
Fluid <del>lost</del> /recovered today:	<u>53</u>	Oil <del>lost</del> /recovered today:	<u>4</u>
Ending fluid to be recovered:	<u>2537</u>	Cum oil recovered:	<u>14</u>
IFL: <u>150'</u> FFL: <u>1475'</u> FTP: _____	Choke: _____    Final Fluid Rate: _____    Final oil cut: 10%		

### ROD DETAIL

## COSTS

[illegible]



Attachment G-1  
16 of 16

# DAILY WORKOVER REPORT

WELL NAME: Monument Butte Federal 6-34-8-16

Report Date: June 17, 2003

Day: 09

Operation: Re-complete

Rig: Pool #820

## WELL STATUS

Surf Csg: 8 5/8 @ 310' Prod Csg: 5 1/2 @ 6207' WT: 15.5# Csg PBTD: 6152'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Anchor @: 5879' BP/Sand PBTD: 6152'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4548-4568'	4/80	LODC sds	NEW 5739-5744'	4/20
D sds	5042-5051'	4/36	LODC sds	NEW 5758-5770'	4/48
D sds	5089-5098'	4/36	LODC sds	NEW 5788-5791'	4/12
C sds	NEW 5181-5184'	4/12	LODC sds	NEW 5804-5807'	4/12
BIC sds	NEW 5248-5252'	4/16	LODC sds	NEW 5814-5816'	4/8
A sds	5520-5552'	4/128	LODC sds	NEW 5820-5822'	4/8
LoDC sds	NEW 5562-5572'	4/10	CP .5 sds	NEW 5899-5904'	4/20
LoDC sds	NEW 5586-5590'	4/16	CP1 sds	NEW 5940-5944'	4/16
LODC sds	NEW 5705-5710'	4/20	CP2 sds	NEW 5978-5984'	4/24
LODC sds	NEW 5716-5721'	4/20			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: June 16, 2003

SITP: 0 SICP: 0

TIH W/ pump & revised rod string as follows: repaired Randys' 2 1/2" X 1 1/2" X 14.5' RHAC pump, 4-1 1/2" weight rods, 2-1 5/8" weight rods ("B" grade W/ 7/8" pins), 10-3/4" scraped rods, 124-3/4" plain rods (added 14 "B" grade @ top), 96-3/4" scraped rods, 1-6' & 1-4' X 3/4" pony rods & 1 1/2" X 1 1/2" polished rod. Seat pump & RU pumping unit. Fill Tbg W/ 8 BW. Pressure test pump & tbg to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 2549 BWTR.

Place well on production @ 1:30 PM 6/16/2003 W/ 101" SL @ 3.25 SPM.

## FINAL REPORT!!

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2541(adj) Starting oil rec to date: 14  
Fluid lost/recovered today: 8 Oil lost/recovered today: 0  
Ending fluid to be recovered: 2549 Cum oil recovered: 14  
IFL:          FFL:          FTP:          Choke:          Final Fluid Rate:          Final oil cut:         

## TUBING DETAIL

## ROD DETAIL

## COSTS

KB 14.00'	1 1/2" X 22' polished rod	Pool rig	\$1,626
179 2 7/8 J-55 tbg (5865.10')	1-4' & 1-6' X 3/4" pony rods	IPC trucking	\$300
TA 2.75 (5879.10 KB)	96-3/4" scraped rods	Tbg - 15 jts "B" J-55	\$1,354
3 2 7/8 J-55 tbg ( 95.17')	124-3/4" plain rods	Add'l rods	\$606
SN 1.10 ( 5977.02 KB)	10-3/4" scraped rods	IPC location cleanup	\$400
2 2 7/8 J-55 tbg ( 65.18')	2- 1 5/8" weight rods	IPC swb tks (2X9 dys)	\$720
NC (.45')	4-1 1/2" weight rods	Mt. West sanitation	\$400
EOT 6043.70' W/ 14' KB	Randys' 2 1/2" X 1 1/2" X 14.5'	Zubiate HO trk	\$685
	RHAC pump W/ SM plunger	RNI wtr disposal	\$400
		IPC frac tbg (7 days)	\$3,083
		Randys' SN	\$70
		IPC supervision	\$300

Completion Supervisor: Gary Dietz

DAILY COST: \$9,944

TOTAL WELL COST: \$148,138



## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4498'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 176' balance plug using 21 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Perforate 2 JSPF @ 360'
6. Plug #4 Circulate 101 sx Class "G" Cement down 5-1/2" casing and up the 5-1/2" x 8-5/8" annulus

The approximate cost to plug and abandon this well is \$59,344.

## Monument Butte Fed. #6-34-8-16

Spud Date: 2/28/1995  
Put on Production: 4/09/1995

GL: 5632' KB: 5646'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

DEPTH LANDED: 310'

HOLE SIZE: 12-1/4"

CEMENT DATA: 165 sxs Class "G" cement.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

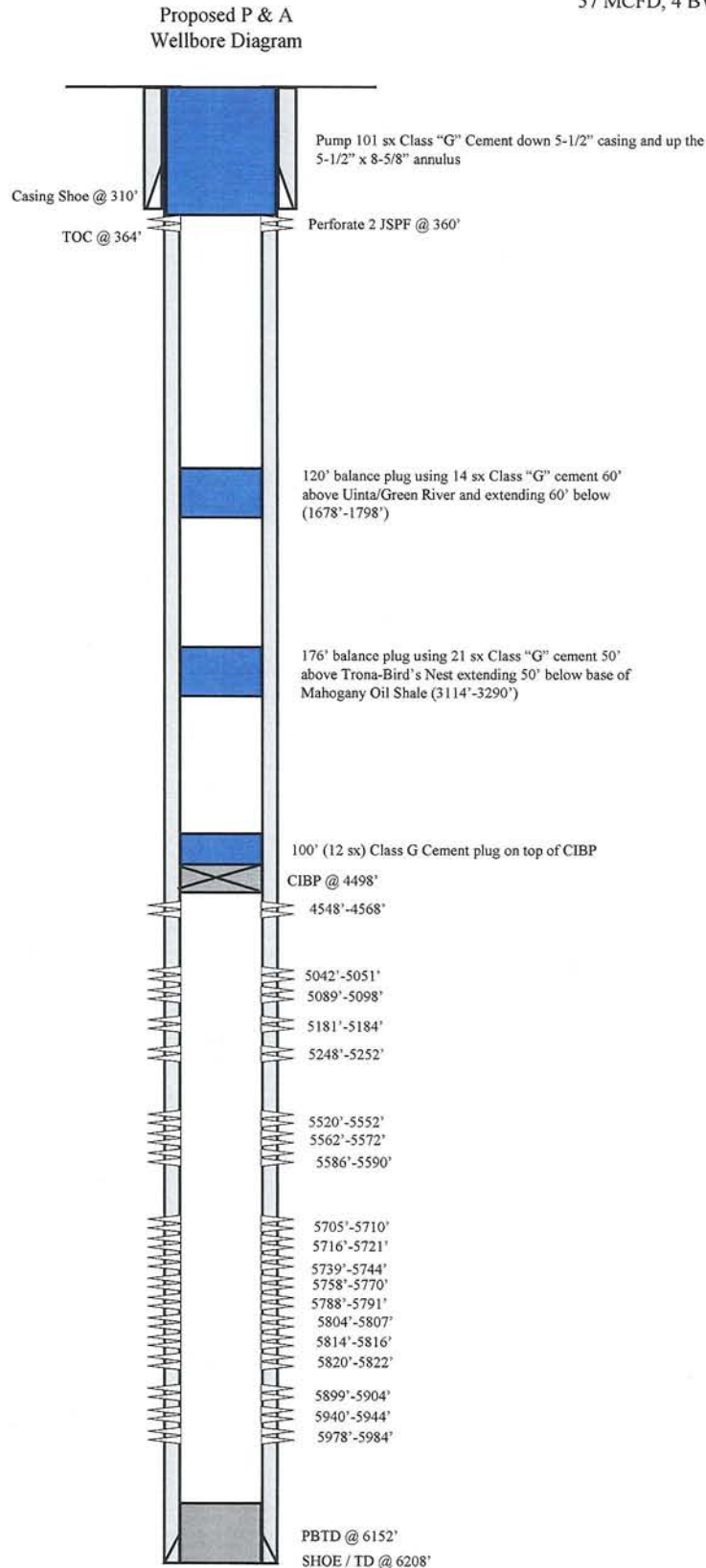
DEPTH LANDED: 6207.42'

HOLE SIZE: 7-7/8"

CEMENT DATA: 383 sxs Hilift & 307 sxs 10-0 RFC.

CEMENT TOP AT: 364'

Initial Production: 28 BOPD,  
57 MCFD, 4 BWPD



**Monument Butte Fed. #6-34-8-16**  
1980' FNL & 1980' FWL  
SE/NW Section 34-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31504; Lease #U-62848

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980 FNL 1980 FWL

SENW Section 34 T8S R16E

5. Lease Serial No.

USA UTU-62848

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

TRAVIS UNIT

8. Well Name and No.

MONUMENT BUTTE FED 6-34

9. API Well No.

4301331504

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Eric Sundberg

Signature

Title

Regulatory Analyst

Date

09/15/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-355

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 24, 26, 27, 34, 35, 36; TOWNSHIP 8 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells:

Hawkeye Unit:

Boll Weevil 26-13-8-16 well located in NW/4 SW/4, Section 26, Township 8 South, Range 16 East

Monument Butte Federal NE 14-26-8-16 well located in SE/4 SW/4, Section 26, Township 8 South, Range 16 East

Monument Butte Unit:

Monument Butte Federal 2-34-8-16 well located in NW/4 NE/4, Section 34, Township 8 South, Range 16 East

Monument Federal 10-34-8-16 well located in NW/4 SE/4, Section 34, Township 8 South, Range 16 East

Monument Butte Federal 16-34-8-16 well located in SE/4 SE/4, Section 34, Township 8 South, Range 16 East

Federal 1-35-8-16 well located in SE/4 SE/4, Section 35, Township 8 South, Range 16 East

Monument Federal 2A-35-8-16 well located in NW/4 NE/4, Section 35, Township 8 South, Range 16 East

Monument Butte State 4-36-8-16 well located in NW/4 NW/4, Section 36, Township 8 South, Range 16 East

Monument Butte NE Unit:

Monument Butte Federal NE 16-24-8-16 well located in SE/4 SE/4, Section 24, Township 8 South, Range 16 East

Monument Butte Federal 16-26-8-16 well located in SE/4 SE/4, Section 26, Township 8 South, Range 16 East

Travis Unit:

Monument Butte Federal 16-27-8-16 well located in SE/4 SE/4, Section 27, Township 8 South, Range 16 East

Monument Butte Federal 6-34-8-16 well located in SE/4 NW/4, Section 34, Township 8 South, Range 16 East

Wells Draw Unit:

Federal 13-34-B-8-16 well located in NW/4 SW/4, Section 34, Township 8 South, Range 16 East

Wells Draw 14A-34-8-16 well located in SE/4 SW/4, Section 34, Township 8 South, Range 16 East

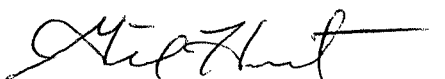
Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 28th day of September, 2009.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING



Gil Hunt  
Associate Director

**Newfield Production Company**

**BOLL WEEVIL 26-13-8-16, MONUMENT BUTTE FEDERAL NE 14-26-8-16, MONUMENT BUTTE FEDERAL 2-34-8-16, MONUMENT FEDERAL 10-34-8-16, MONUMENT BUTTE FEDERAL 16-34-8-16, FEDERAL 1-35-8-16, MONUMENT FEDERAL 2A-35-8-16, MONUMENT BUTTE STATE 4-36-8-16, MONUMENT BUTTE FEDERAL NE 16-24-8-16, MONUMENT BUTTE FEDERAL 16-26-8-16, MONUMENT BUTTE FEDERAL 16-27-8-16, MONUMENT BUTTE FEDERAL 6-34-8-16, FEDERAL 13-34-B-8-16, WELLS DRAW 14A-34-8-16**

**Cause No. UIC-355**

Publication Notices were sent to the following:

Newfield Production Company  
1001 17th Street, Suite 2000  
Denver, CO 80202

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066  
via Email [ubs@ubstandard.com](mailto:ubs@ubstandard.com)

Salt Lake Tribune  
PO Box 45838  
Salt Lake City, UT 84145  
via Email [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

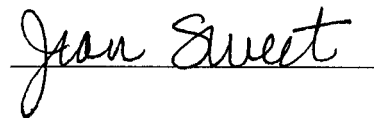
Vernal Office  
Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078

Michael Hyde  
Duchesne County Planning  
P O Box 317  
Duchesne, UT 84021-0317

Bruce Suchomel  
US EPA Region 8  
MS 8P-W-GW  
1595 Wynkoop Street  
Denver, CO 80202-1129

Newfield Production Company  
Rt 3 Box 3630  
Myton UT 84052

SITLA  
675 East 500 South  
Salt Lake City, UT 84102-2818

  
\_\_\_\_\_  
The image shows a handwritten signature in cursive script, which appears to read "Jean Sweet". The signature is written in dark ink and is positioned above a solid horizontal line.

Jean Sweet - RE: Notice of Agency Action - Newfield Production Company Cause No. UIC 355

**From:** "NAC Legal" <naclegal@mediaoneutah.com>  
**To:** "Jean Sweet" <jsweet@utah.gov>  
**Date:** 9/29/2009 1:34 PM  
**Subject:** RE: Notice of Agency Action - Newfield Production Company Cause No. UIC 355

Ad #502572 is scheduled to run October 2 and the total charge is \$215.00. Please check the ad in the paper.

Thank you,

Lynn Valdez  
MediaOne of Utah,  
a Newspaper Agency Company  
4770 South 5600 West  
West Valley City, Utah 84118  
Ph.: 801-237-2720  
Email: naclegal@mediaoneutah.com

---

**From:** Jean Sweet [mailto:jsweet@utah.gov]  
**Sent:** Tuesday, September 29, 2009 10:01 AM  
**To:** naclegal@mediaoneutah.com  
**Subject:** Notice of Agency Action – Newfield Production Company Cause No. UIC 355

To whom it may concern:

Attached is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary  
Utah Div. of Oil, Gas & Mining  
1594 West Temple, Suite 1210  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

September 28, 2009

VIA E-MAIL: [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

Salt Lake Tribune  
PO Box 45838  
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC 355

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

MLR/js

Enclosure

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield\Notice of Agency Action



**From:** Bonnie <bonnie@ubstandard.com>  
**To:** <jsweet@utah.gov>  
**Date:** 10/1/2009 4:56 PM  
**Subject:** Legal

Jean,

The legal Notice of Agency Action - Newfield Production 20090928 will run on October 6, 2009.

Thank you,

--

Bonnie Parrish  
Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066  
(435) 722-5131  
(435) 722-4140 Fax  
bonnie@ubstandard.com





GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*Lieutenant Governor*

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

September 28, 2009

VIA E-MAIL [ubs@ubstandard.com](mailto:ubs@ubstandard.com)

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC 355

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

MLR/js  
Enclosure  
N:\O&G Reviewed Docs\ChronFile\UIC\Newfield\Notice of Agency Action



4770 S. 5600 W.  
P.O. BOX 704005  
WEST VALLEY CITY, UTAH 84170  
FED.TAX I.D.# 87-0217663

The Salt Lake Tribune

MEDIA One  
A NEWSPAPER AGENCY COMPANY

Morning News

CUSTOMER'S  
COPY

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	10/5/2009

RECEIVED

OCT 13 2009

DIV. OF OIL, GAS & MINING

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-355

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 24, 26, 27, 34, 35, 36; TOWNSHIP 8 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells:

Howkeye Unit:  
Boll Weevil 26-13-8-16 well located in NW/4 SW/4, Section 26, Township 8 South, Range 16 East  
Monument Butte Federal NE 14-26-8-16 well located in SE/4 SW/4, Section 26, Township 8 South, Range 16 East  
Monument Butte Unit:  
Monument Butte Federal 2-34-8-16 well located in NW/4 NE/4, Section 34, Township 8 South, Range 16 East  
Monument Federal 10-34-8-16 well located in NW/4 SE/4, Section 34, Township 8 South, Range 16 East  
Monument Butte Federal 16-34-8-16 well located in SE/4 SE/4, Section 34, Township 8 South, Range 16 East  
Federal 1-35-8-16 well located in SE/4 SE/4, Section 35, Township 8 South, Range 16 East  
Monument Federal 2A-35-8-16 well located in NW/4 NE/4, Section 35, Township 8 South, Range 16 East  
Monument Butte State 4-36-8-16 well located in NW/4 NW/4, Section 36, Township 8 South, Range 16 East  
Monument Butte NE Unit:  
Monument Butte Federal NE 16-24-8-16 well located in SE/4 SE/4, Section 24, Township 8 South, Range 16 East  
Monument Butte Federal 16-26-8-16 well located in SE/4 SE/4, Section 26, Township 8 South, Range 16 East  
Travis Unit:  
Monument Butte Federal 16-27-8-16 well located in SE/4 SE/4, Section 27, Township 8 South, Range 16 East  
Monument Butte Federal 6-34-8-16 well located in SE/4 NW/4, Section 34, Township 8 South, Range 16 East  
Wells Draw Unit:  
Federal 13-34-8-16 well located in NW/4 SW/4, Section 34, Township 8 South, Range 16 East  
Wells Draw 14A-34-8-16 well located in SE/4 SW/4, Section 34, Township 8 South, Range 16 East

Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 28th day of September, 2009.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

/s/ Gil Hunt  
Gil Hunt  
Associate Director

502572

UPAXLP

AFFIDAVIT OF PUBLICATION

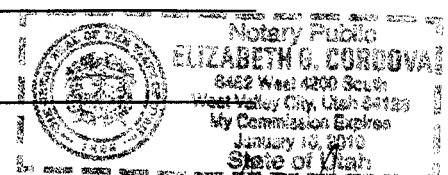
AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF BEFORE THE DIVISION OF OIL, GAS AND MINING FOR DIV OF OIL-GAS & MINING. WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON Start 10/02/2009 End 10/02/2009

SIGNATURE

*Sunny Gray*

DATE 10/5/2009



THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"  
PLEASE PAY FROM BILLING STATEMENT

*[Signature]*

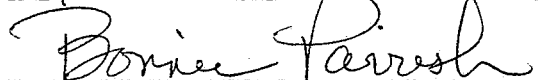
# AFFIDAVIT OF PUBLICATION

County of Duchesne,  
STATE OF UTAH

I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 6 day of October, 20 09, and that the last publication of such notice was in the issue of such newspaper dated the 6 day of October, 20 09.

  
\_\_\_\_\_  
Publisher

Subscribed and sworn to before me this  
7 day of October, 20 09

  
\_\_\_\_\_  
Notary Public



## NOTICE OF AGENCY ACTION CAUSE NO. UIC-355

BEFORE THE DIVISION OF OIL, GAS AND MINING

DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 24, 26, 27, 34, 35, 36; TOWNSHIP 8 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells:

### Hawkeye Unit:

Boll Weevil 26-13-8-16 well located in NW/4 SW/4, Section 26, Township 8 South, Range 16 East

Monument Butte Federal NE 14-26-8-16 well located in SE/4 SW/4, Section 26, Township 8 South, Range 16 East

### Monument Butte Unit:

Monument Butte Federal 2-34-8-16 well located in NW/4 NE/4, Section 34, Township 8 South, Range 16 East

Monument Federal 10-34-8-16 well located in NW/4 SE/4, Section 34, Township 8 South, Range 16 East

### Monument Butte Federal 16-34-8-16 well

located in NW/4 NE/4, Section 34, Township 8 South, Range 16 East

Notice is hereby given that Uintah School District will be holding its annual Impact Aid Meeting on October 13, 2009 at the Eagle View Elementary School from 5:30 to 6:30 p.m.

The Ute Indian Tribe

LEGAL NOTICE

Monument Butte Federal 6-34-8-16 well located in SE/4 NW/4, Section 34, Township 8 South, Range 16 East

### Wells Draw Unit:

Federal 13-34-B-8-16 well located in NW/4 SW/4, Section 34, Township 8 South, Range 16 East

Wells Draw 14A-34-8-16 well located in SE/4 SW/4, Section 34, Township 8 South, Range 16 East

Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 28th day of September, 2009.

STATE OF UTAH  
DIVISION OF OIL,  
GAS & MINING

/s/

Gil Hunt

Associate Director  
Published in the Uintah  
Basin Standard October 6,  
2009.

EAST, DUCHESNE  
COUNTY, UTAH, AS  
CLASS II INJECTION  
WELLS.

THE STATE OF UTAH  
TO ALL PERSONS IN-  
TERESTED IN THE  
ABOVE ENTITLED  
MATTER.

Notice is hereby given  
that the Division of Oil,  
Gas and Mining (the "Di-  
vision") is commencing  
an informal adjudicative  
proceeding to consider the  
application of Newfield  
Production Company for  
administrative approval  
of the following wells:

Hawkeye Unit:

Boll Weevil 26-13-8-  
16 well located in NW/4  
SW/4, Section 26, Town-  
ship 8 South, Range 16  
East

Monument Butte Fed-  
eral NE 14-26-8-16 well  
located in SE/4 SW/4,  
Section 26, Township 8  
South, Range 16 East

Monument Butte  
Unit:

Monument Butte  
Federal 2-34-8-16 well  
located in NW/4 NE/4,  
Section 34, Township 8  
South, Range 16 East

Monument Federal  
10-34-8-16 well located  
in NW/4 SE/4, Section  
34, Township 8 South,  
Range 16 East

Monument Butte Fed-  
eral 16-34-8-16 well  
located in SE/4 SE/4,  
Section 34, Township 8  
South, Range 16 East

Federal 1-35-8-16 well  
located in SE/4 SE/4,  
Section 35, Township 8  
South, Range 16 East

Monument Federal  
2A-35-8-16 well located  
in NW/4 NE/4, Section  
35, Township 8 South,  
Range 16 East

Monument Butte State  
4-36-8-16 well located in  
NW/4 NW/4, Section 36,  
Township 8 South, Range  
16 East

Monument Butte NE  
Unit:

Monument Butte Fed-  
eral NE 16-24-8-16 well  
located in SE/4 SE/4,  
Section 24, Township 8  
South, Range 16 East

Monument Butte Fed-  
eral 16-26-8-16 well  
located in SE/4 SE/4,  
Section 26, Township 8  
South, Range 16 East

Travis Unit:

Monument Butte Fed-  
eral 16-27-8-16 well  
located in SE/4 SE/4,  
Section 27, Township 8  
South, Range 16 East

Continued on next page

**DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM  
PERMIT  
STATEMENT OF BASIS**

**Applicant:** Newfield Production Company      **Well:** Monument Butte Federal 6-34-8-16

**Location:** 34/8S/16E      **API:** 43-013-31504

**Ownership Issues:** The proposed well is located on BLM land. The well is located in the Travis Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Travis Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

**Well Integrity:** The proposed well has surface casing set at 310 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,207 feet. Although the cement bond log is inconclusive, calculations based on the cement reported in the well completion report indicate adequate bond in this well up to about 2,170 feet (calculated top of "lite" cement). A 2 7/8 inch tubing with a packer will be set at 4,498. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 7 producing oil wells and 4 injection wells in the area of review. All of the wells have evidence of adequate casing and cement.

**Ground Water Protection:** According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 600 feet. Injection shall be limited to the interval between 4,311 feet and 6,152 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 6-34-8-16 well is 0.76 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,666 psig. The requested maximum pressure is 1,666 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any groundwater present should be adequately protected.

**Monument Butte Federal 6-34-8-16**

**page 2**

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Travis Unit on September 30, 1991. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the BLM

**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date 11/16/2009



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

November 16, 2009

Newfield Production Company  
1001 Seventeenth Street, Suite 2000  
Denver, CO 80202

Subject: Travis Unit Well: Monument Butte Federal 6-34-8-16, Section 34, Township 8 South, Range 16 East, SLBM, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

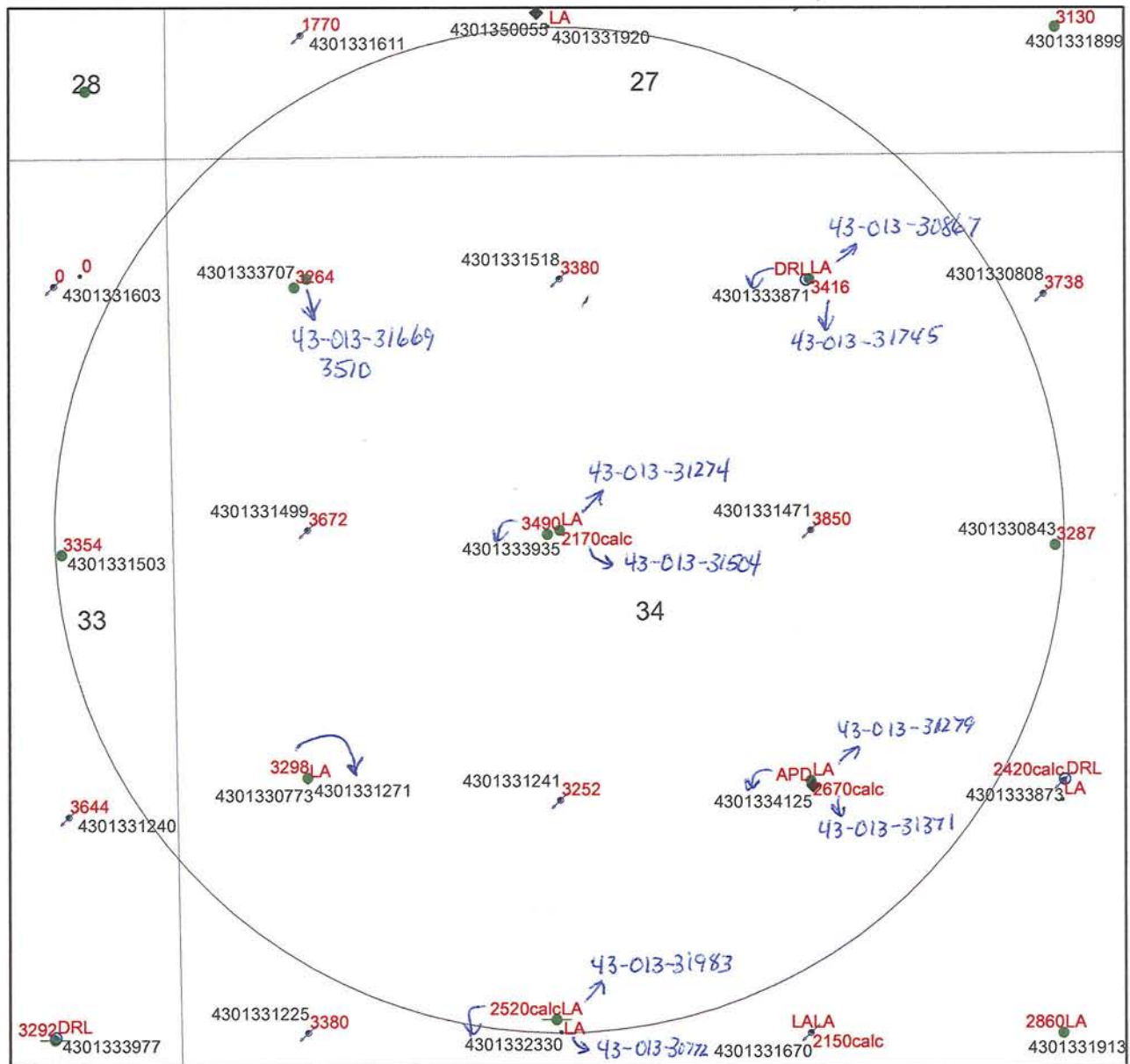
Gil Hunt  
Associate Director

GLH/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Duchesne County  
Newfield Production Company, Myton  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield





# MONUMENT BUTTE FEDERAL 6-34-8-16

API #43-013-31504

UIC-355.1

## Legend

### OGM Database View Events

X <all other values>

### Status

APD - Approved Permit

DRL - Spudded (Drilling Commenced)

GIW - Gas Injection

GS - Gas Storage

LA - Location Abandoned

LOC - New Location

OPS - Operation Suspended

PA - Plugged Abandoned

PGW - Producing Gas Well

POW - Producing Oil Well

RET - Returned APD

SGW - Shut-in Gas Well

SOW - Shut-in Oil Well

TA - Temp. Abandoned

TW - Test Well

WDW - Water Disposal

WIW - Water Injection Well

WSW - Water Supply Well

1870calc = approx cement top calculated from well completion report

0 0.24 Miles





**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-62848

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
GMBU

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER:  
MONUMENT BUTTE FED 6-34

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301331504

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:  
MONUMENT BUTTE

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 1980 FNL 1980 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENW, 34, T8S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will  _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  04/14/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 04/10/2010.

On 04/12/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well.

Permission was given at that time to perform the test on 04/12/2010. On 04/14/2010 the casing was pressured up to 1400 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 185 psig during the test. There was not a State representative available to witness the test.

API# 43-013-31504

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE

DATE 04/15/2010

(This space for State use only)

**RECEIVED**  
**APR 20 2010**  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address

Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980 FNL 1980 FWL

SENW Section 34 T8S R16E

5. Lease Serial No.

USA UTU-62848

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

MONUMENT BUTTE FED 6-34

9. API Well No.

4301331504

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Change Status _____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The subject well has been converted from a producing oil well to an injection well on 04/10/2010.

On 04/12/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 04/12/2010. On 04/14/2010 the casing was pressured up to 1400 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 185 psig during the test. There was not a State representative available to witness the test.

API# 43-013-31504

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Lucy Chavez-Naupoto

Signature

Title

Administrative Assistant

Date

04/15/2010

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

**RECEIVED**

**APR 20 2010**

BIV OF OIL & GAS

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: \_\_\_\_\_ Date 4/14/10 Time 10:00 am pm

Test Conducted by: Rowdy Cloward

Others Present: \_\_\_\_\_

Well: Monument Butte Federal 6-34-8-16

Field: Newfield Monument Butte  
Duchesne County, UT

Well Location: MBE 6-34-8-16

SE/NW sec 34, T8S, R16E

Duchesne County, UTAH UTU87538X

API No: 43-013-31504

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1400</u>	psig
5	<u>1400</u>	psig
10	<u>1400</u>	psig
15	<u>1400</u>	psig
20	<u>1400</u>	psig
25	<u>1400</u>	psig
30 min	<u>1400</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 185 psig

Result: Pass Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Rowdy Cloward

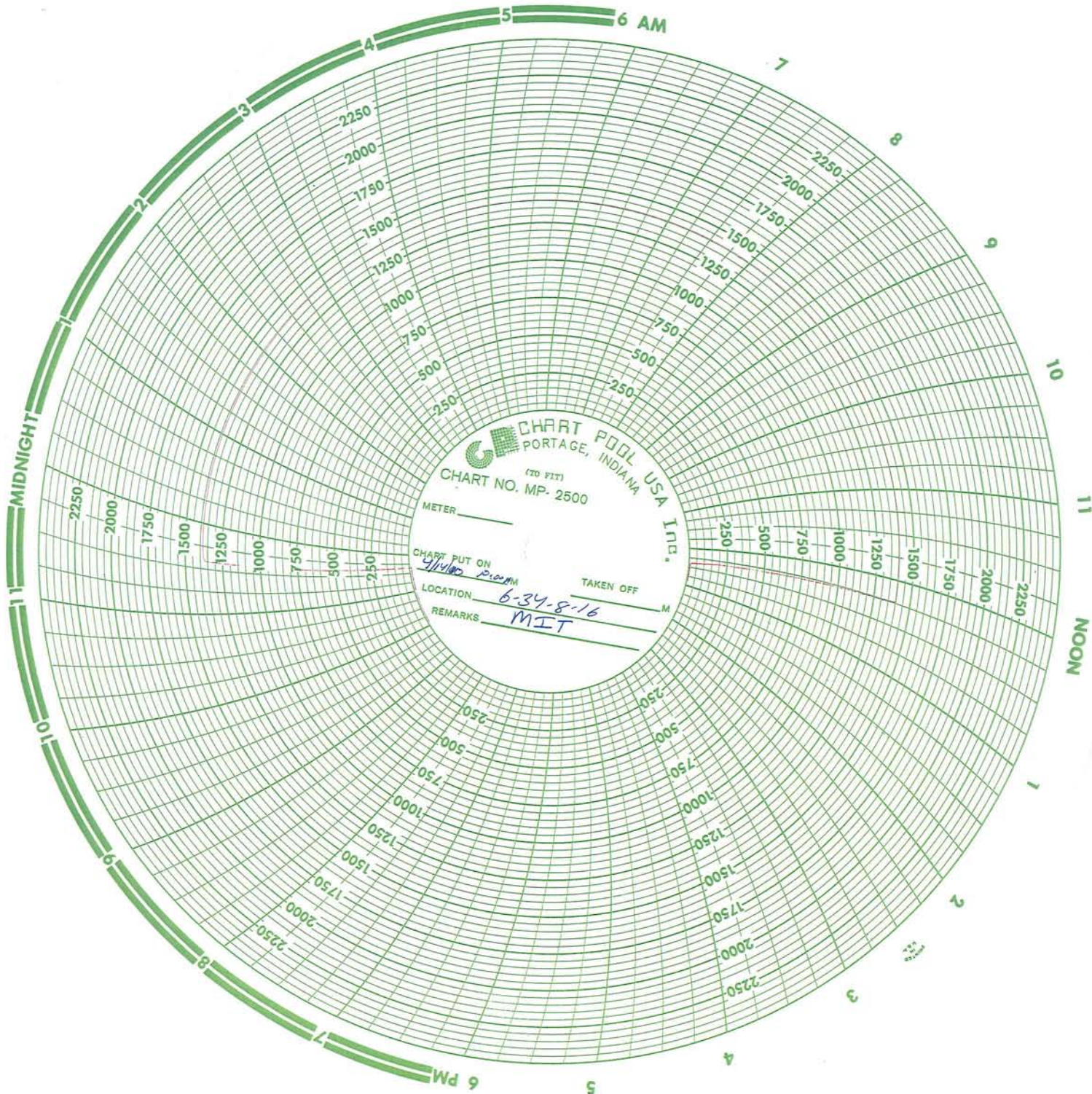


CHART POOL USA Inc.  
PORTAGE, INDIANA  
(TO FIT)  
CHART NO. MP- 2500  
METER \_\_\_\_\_

CHART PUT ON 9/11/00 2:00 PM  
LOCATION 6-34-8-16  
REMARKS MIT  
TAKEN OFF \_\_\_\_\_



**Daily Activity Report****Format For Sundry****MON BT 6-34-8-16****2/1/2010 To 6/30/2010****4/8/2010 Day: 1****Conversion**

WWS #7 on 4/8/2010 - TOH W/ parted rods. Start strip out W/ tbg. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & PU on rods--seem to be parted. RU HO trk to tbg & try flushing--only pressurers up. TOH W/ rods. Body break on #74 (2" fishneck W/ rod guide on top). ND wellhead & release TA @ 5878'. NU BOP. Make 1 swab run to 1800'. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. Out W/ 50 jts. SIFN.

**Daily Cost:** \$0**Cumulative Cost:** \$54,181

---

**4/9/2010 Day: 2****Conversion**

WWS #7 on 4/9/2010 - Finished stripping well. - Con't strip well out. When came to rods, pump unseated. RU HO trk & flush tbg & rods W/ 30 BW @ 250°F. LD lower portion of rod string and pump (re-flushed again W/ add'l 30 BW). TIH W/ rods from derrick. LD same. Con't TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins of 80 add'l jts. RIH W/ 58 jts f/ derrick (waxy ID). SIFN.

**Daily Cost:** \$0**Cumulative Cost:** \$58,125

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**4/10/2010 Day: 3****Conversion**

WWS #7 on 4/10/2010 - Finished out W/ production tbg. TIH W/ packer & testing injection string. - RU HO trk & flush tbg W/ 30 BW @ 250°F. TOH & talley remaining tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 48 jts and BHA. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 136 jts 2 7/8 8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi in 3 separate increments. Testing entire string is inconclusive. Leave 3000 psi on tbg overnight.

**Daily Cost:** \$0**Cumulative Cost:** \$63,683

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**4/12/2010 Day: 4****Conversion**

WWS #7 on 4/12/2010 - Tested tbg. Set & tested packer. RDMOSU. - SITP @ 2600 psi. RU HO trk & bump up to 3000 psi. Final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4476', CE @ 4480' & EOT @ 4484'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU. - Perform MIT.

**Daily Cost:** \$0**Cumulative Cost:** \$65,008

---

**4/14/2010 Day: 5****Conversion**

Rigless on 4/14/2010 - Conversion MIT - On 4/12/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well (Monument Butte 6-34-8-16). Permission was given at that time to perform the test on 4/12/2010. On 4/14/2010 the csg was pressured up to 1400 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test . The tbg pressure was 185 psig during the test. There was not a State representative available to witness the test. API # 43-013-31504 **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$65,308

---

**Pertinent Files: Go to File List**



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-355

**Operator:** Newfield Production Company  
**Well:** Monument Butte Federal 6-34-8-16  
**Location:** Section 34, Township 8 South, Range 16 East  
**County:** Duchesne  
**API No.:** 43-013-31504  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on November 16, 2009.
2. Maximum Allowable Injection Pressure: 1,666 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,311' – 6,152')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

Gil Hunt  
Associate Director

4-22-10

Date

GLH/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Eric Sundberg, Newfield Production Company, Denver  
Newfield Production Company, Myton  
Duchesne County  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield\Monument Butte



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-62848
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1980 FNL 1980 FWL		8. WELL NAME and NUMBER: MONUMENT BUTTE FED 6-34
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENW, 34, T8S, R16E		9. API NUMBER: 4301331504
		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will 05/20/2010	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Put on Injection
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 1:00 PM on 05-20-2010.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant  
SIGNATURE  DATE 05/21/2010

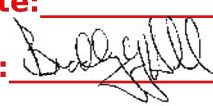
(This space for State use only)

RECEIVED

MAY 24 2010

DIV. OF OIL, GAS & MINING



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-62848
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> MONUMENT BUTTE FED 6-34
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1980 FNL 1980 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 34 Township: 08.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43013315040000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/21/2011	OTHER: <span style="border: 1px solid black; padding: 2px;">Step Rate Test</span>	
<input type="checkbox"/> SPUD REPORT Date of Spud:		
<input type="checkbox"/> DRILLING REPORT Report Date:		
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> A step rate test was conducted on the subject well on 07/21/2011. Results from the test indicate that the fracture gradient is 0.840 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1666 psi to 1820 psi.		
<b>Approved by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> 08/09/2011 <b>By:</b> 		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/1/2011	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-62848
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> MONUMENT BUTTE FED 6-34
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1980 FNL 1980 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 34 Township: 08.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43013315040000
<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE		<b>COUNTY:</b> DUCHESNE
<b>STATE:</b> UTAH		

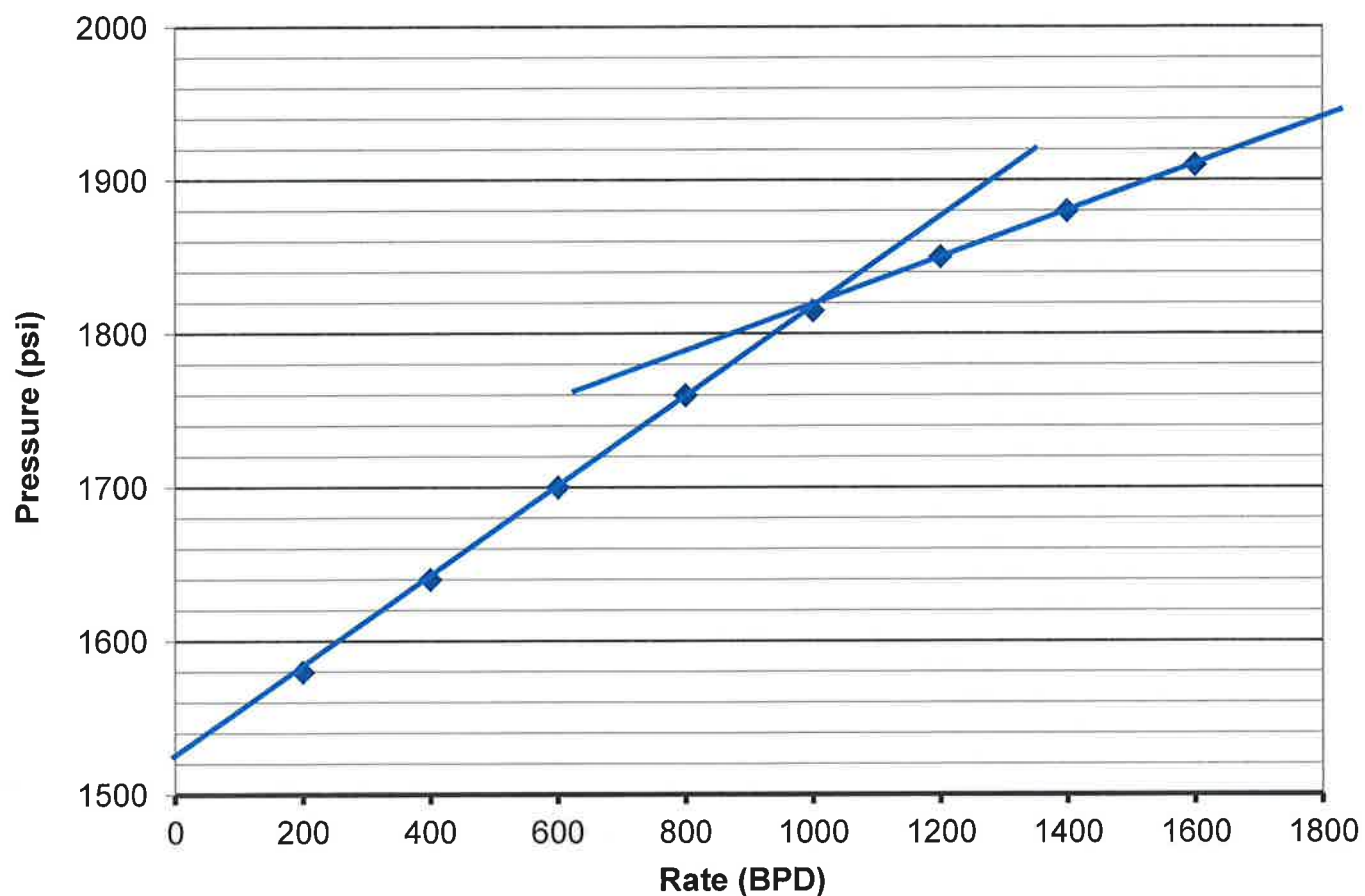
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <span style="border: 1px solid black; padding: 2px;">Step Rate Test</span>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/21/2011			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
  
 A step rate test was conducted on the subject well on 07/21/2011. Results from the test indicate that the fracture gradient is 0.840 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1666 psi to 1820 psi.

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/1/2011	

**Monument Butte 6-34-8-16  
Greater Monument Butte Unit  
Step Rate Test  
July 21, 2011**



**Start Pressure:**

1545 psi

**Top Perforation:**

4548 feet

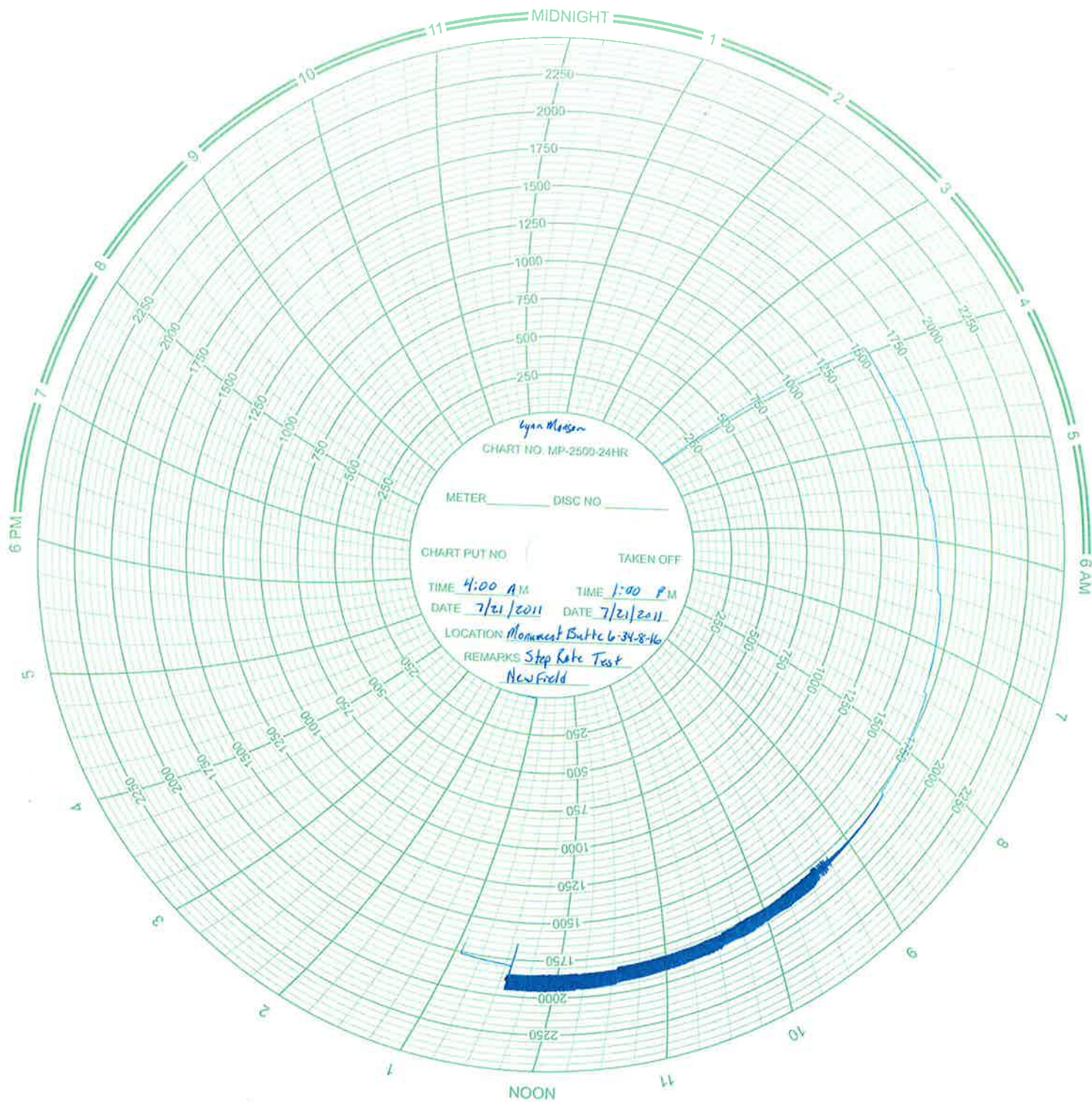
**Fracture pressure (Pfp):**

1820 psi

**FG:**

0.840 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	200	1580
2	400	1640
3	600	1700
4	800	1760
5	1000	1815
6	1200	1850
7	1400	1880
8	1600	1910



## Lucy Chavez-Naupoto

---

**From:** Trefley Raza  
**Sent:** Monday, August 01, 2011 7:52 AM  
**To:** Lucy Chavez-Naupoto  
**Cc:** jhorrocks@newfield.com; Reed Durfey (rdurfey@newfield.com); David Chase (dchase@newfield.com); Alfredo Rios (arios@newfield.com); Rusty Bird; James Bird  
**Subject:** SRT: Greater Monument Butte 6-34-8-16

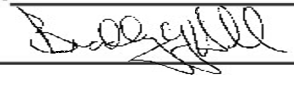
On 7/21/2011 a Step Rate Test was conducted on the Greater Monument Butte 6-34-8-16. We are requesting to raise the MAIP to 1820 PSI from the current MAIP of 1666 PSI. This is not a new well. There is no RTS requirement for this well.

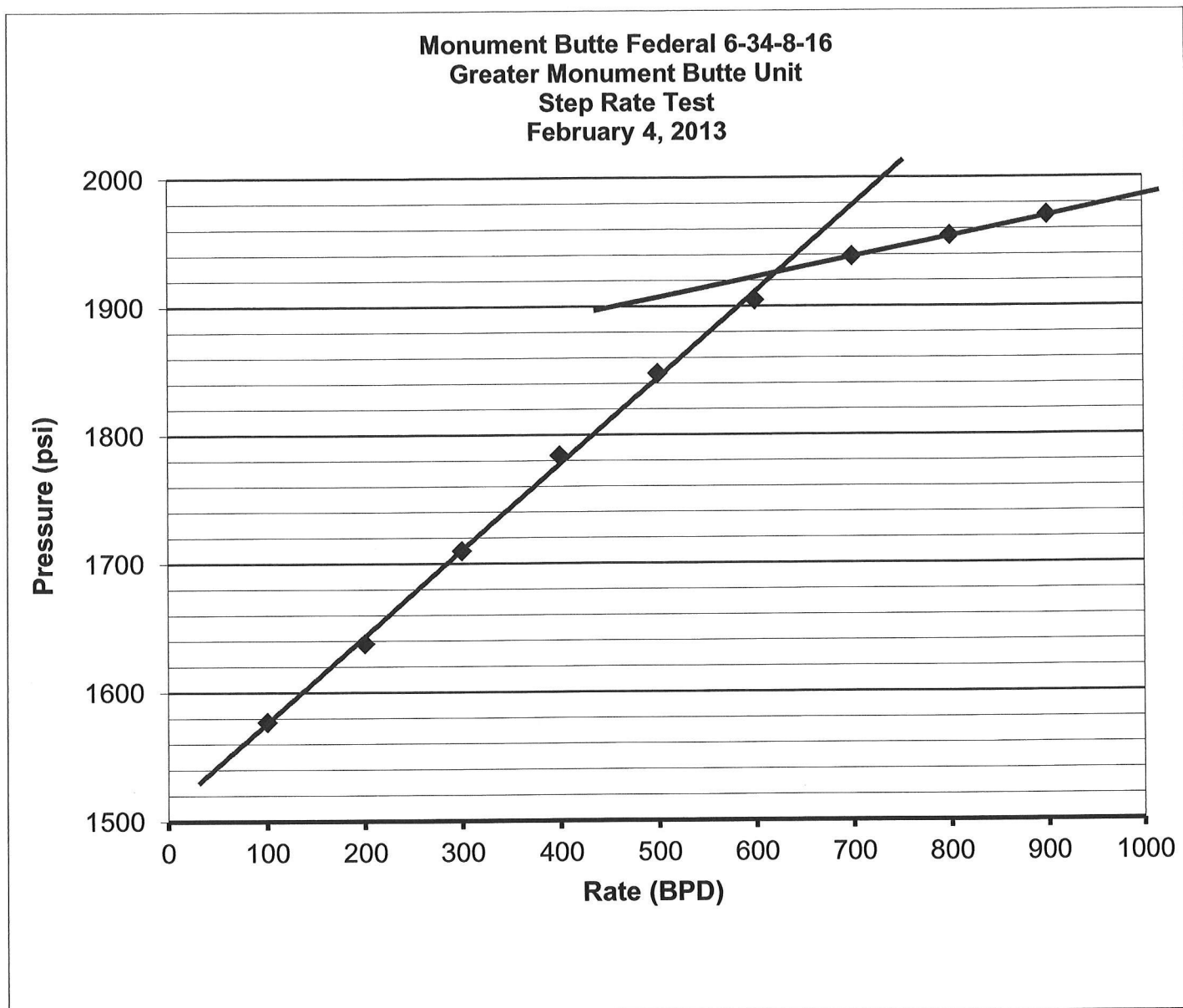
Thanks,

**Trefley Raza**  
**Newfield Exploration**  
**Water Services Foreman**  
**435-823-1166 Cell**  
**435-646-4818 Office**

mon Bt Fed  
6-34-8-16



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-62848
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> MONUMENT BUTTE FED 6-34
<b>4. LOCATION OF WELL</b> FOOTAGES AT SURFACE: 1980 FNL 1980 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 34 Township: 08.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43013315040000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/4/2013 <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Step Rate Test"/>	
<input type="checkbox"/> DRILLING REPORT Report Date:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. A step rate test was conducted on the subject well on February 4, 2013. Results from the test indicate that the fracture gradient is 0.863 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1666 psi to 1925 psi.		
<b>Accepted by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> February 14, 2013 <b>By:</b> 		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A		<b>DATE</b> 2/8/2013



**Start Pressure:**

1542 psi

**Top Perforation:**

4548 feet

**Fracture pressure (Pfp):**

1925 psi

**FG:**

0.863 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	100	1577
2	200	1638
3	300	1710
4	400	1784
5	500	1848
6	600	1905
7	700	1939
8	800	1955
9	900	1971

**Data Table Report**

Report Name: PrTemp1000 Data Table  
 Report Date: 02/05/2013 07:40:58  
 File Name: C:\Program Files\PTC® Instruments 2.03.12\Monument Butte Federal 6-34-8-16 SRT (2-4-2013).csv  
 Device: PrTemp1000 - Temperature and Pressure Recorder  
 Hardware Revision: REV2C (64K)  
 Serial Number: N87695  
 Device ID: PrTemp  
 Data Start Date: Feb 04, 2013 09:30:00 AM MST  
 Data End Date: Feb 04, 2013 02:30:00 PM MST  
 Reading: 1 to 61 of 61  
 Reading Rate: 30 Seconds  
 Last Calibration Date: Aug 28, 2012  
 Next Calibration Date: Aug 28, 2013  
 Next Calibration Date: Aug 28, 2013

**Monument Butte Federal 6-34-8-16 SRT (2-4-2013)**

Unit Type (All Units)

Reading	DateTime (MST)	Channel 2 PSIA
1	Feb 04, 2013 09:30:00 AM	1542.4
2	Feb 04, 2013 09:35:00 AM	1542.2
3	Feb 04, 2013 09:40:00 AM	1542.2
4	Feb 04, 2013 09:45:00 AM	1542.2
5	Feb 04, 2013 09:50:00 AM	1542.4
6	Feb 04, 2013 09:55:00 AM	1542
7	Feb 04, 2013 10:00:00 AM	1542.4
8	Feb 04, 2013 10:05:00 AM	1555.6
9	Feb 04, 2013 10:10:00 AM	1562.4
10	Feb 04, 2013 10:15:00 AM	1566.6
11	Feb 04, 2013 10:20:00 AM	1570.4
12	Feb 04, 2013 10:25:00 AM	1574
13	Feb 04, 2013 10:30:00 AM	1576.6
14	Feb 04, 2013 10:35:00 AM	1602.2
15	Feb 04, 2013 10:40:00 AM	1612.2
16	Feb 04, 2013 10:45:00 AM	1619.8
17	Feb 04, 2013 10:50:00 AM	1626.2
18	Feb 04, 2013 10:55:00 AM	1632.4
19	Feb 04, 2013 11:00:00 AM	1637.8
20	Feb 04, 2013 11:05:00 AM	1669.6
21	Feb 04, 2013 11:10:00 AM	1680.8
22	Feb 04, 2013 11:15:00 AM	1689.4
23	Feb 04, 2013 11:20:00 AM	1697.4
24	Feb 04, 2013 11:25:00 AM	1705
25	Feb 04, 2013 11:30:00 AM	1710.4
26	Feb 04, 2013 11:35:00 AM	1745.6
27	Feb 04, 2013 11:40:00 AM	1756.6
28	Feb 04, 2013 11:45:00 AM	1765.2
29	Feb 04, 2013 11:50:00 AM	1773
30	Feb 04, 2013 11:55:00 AM	1779.8
31	Feb 04, 2013 12:00:00 PM	1784
32	Feb 04, 2013 12:05:00 PM	1815.4
33	Feb 04, 2013 12:10:00 PM	1824
34	Feb 04, 2013 12:15:00 PM	1831.4
35	Feb 04, 2013 12:20:00 PM	1838
36	Feb 04, 2013 12:25:00 PM	1843
37	Feb 04, 2013 12:30:00 PM	1847.8
38	Feb 04, 2013 12:35:00 PM	1878.8



**Monument Butte Federal 6-34-8-16 SRT (2-4-2013)**

Unit Type	(All Units)	
Reading	DateTime (MST)	Channel 2 PSIA
39	Feb 04, 2013 12:40:00 PM	1887.2
40	Feb 04, 2013 12:45:00 PM	1890.6
41	Feb 04, 2013 12:50:00 PM	1896
42	Feb 04, 2013 12:55:00 PM	1900.8
43	Feb 04, 2013 01:00:00 PM	1905.2
44	Feb 04, 2013 01:05:00 PM	1922.6
45	Feb 04, 2013 01:10:00 PM	1926
46	Feb 04, 2013 01:15:00 PM	1930.6
47	Feb 04, 2013 01:20:00 PM	1931.8
48	Feb 04, 2013 01:25:00 PM	1935
49	Feb 04, 2013 01:30:00 PM	1938.6
50	Feb 04, 2013 01:35:00 PM	1946
51	Feb 04, 2013 01:40:00 PM	1951.2
52	Feb 04, 2013 01:45:00 PM	1952.8
53	Feb 04, 2013 01:50:00 PM	1955
54	Feb 04, 2013 01:55:00 PM	1959.6
55	Feb 04, 2013 02:00:00 PM	1954.8
56	Feb 04, 2013 02:05:00 PM	1959.2
57	Feb 04, 2013 02:10:00 PM	1963
58	Feb 04, 2013 02:15:00 PM	1964.4
59	Feb 04, 2013 02:20:00 PM	1965.4
60	Feb 04, 2013 02:25:00 PM	1968.6
61	Feb 04, 2013 02:30:00 PM	1971.4

End of Report

**Data Table Report**

Report Name: PrTemp1000 Data Table  
 Report Date: 02/05/2013 07:41:12  
 File Name: C:\Program Files\PTC® Instruments 2.03.12\Monument Butte Federal 6-34-8-16 ISIP (2-4-2013).csv  
 Device: PrTemp1000 - Temperature and Pressure Recorder  
 Hardware Revision: REV2C (64K)  
 Serial Number: N87695  
 Device ID: PrTemp  
 Data Start Date: Feb 04, 2013 02:30:15 PM MST  
 Data End Date: Feb 04, 2013 03:00:15 PM MST  
 Reading: 1 to 31 of 31  
 Reading Rate: 30 Seconds  
 Last Calibration Date: Aug 28, 2012  
 Next Calibration Date: Aug 28, 2013  
 Next Calibration Date: Aug 28, 2013

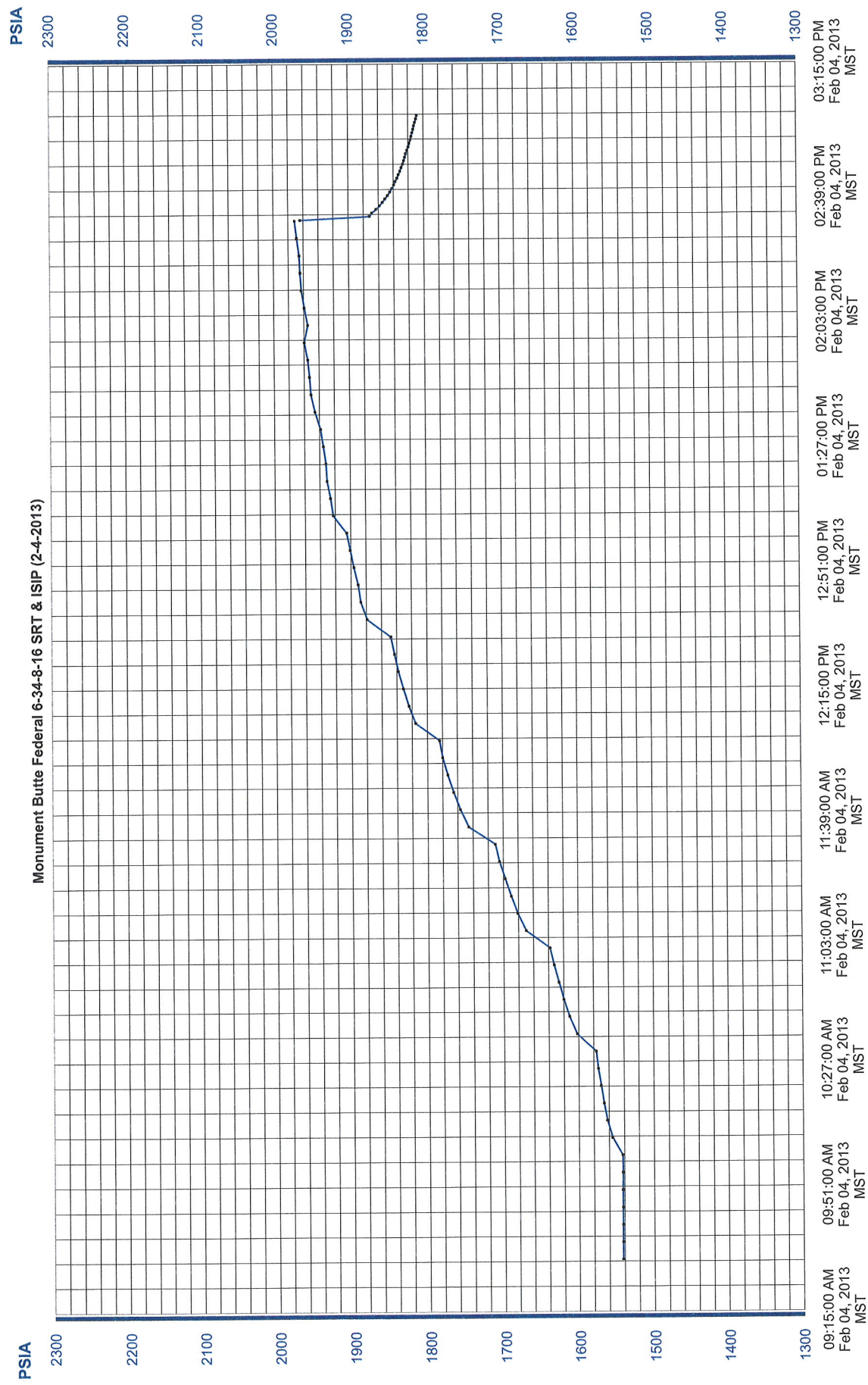
**Monument Butte Federal 6-34-8-16 ISIP (2-4-2013)**

Unit Type (All Units)

Reading	DateTime (MST)	Channel 2 PSIA
---------	----------------	-------------------

1	Feb 04, 2013 02:30:15 PM	1964.2
2	Feb 04, 2013 02:31:15 PM	1872
3	Feb 04, 2013 02:32:15 PM	1868.8
4	Feb 04, 2013 02:33:15 PM	1863.2
5	Feb 04, 2013 02:34:15 PM	1858.6
6	Feb 04, 2013 02:35:15 PM	1854.6
7	Feb 04, 2013 02:36:15 PM	1851.2
8	Feb 04, 2013 02:37:15 PM	1847.8
9	Feb 04, 2013 02:38:15 PM	1844.6
10	Feb 04, 2013 02:39:15 PM	1842
11	Feb 04, 2013 02:40:15 PM	1839.4
12	Feb 04, 2013 02:41:15 PM	1837.6
13	Feb 04, 2013 02:42:15 PM	1835
14	Feb 04, 2013 02:43:15 PM	1833.2
15	Feb 04, 2013 02:44:15 PM	1831
16	Feb 04, 2013 02:45:15 PM	1829.4
17	Feb 04, 2013 02:46:15 PM	1827.2
18	Feb 04, 2013 02:47:15 PM	1825.8
19	Feb 04, 2013 02:48:15 PM	1824.6
20	Feb 04, 2013 02:49:15 PM	1823.2
21	Feb 04, 2013 02:50:15 PM	1821.4
22	Feb 04, 2013 02:51:15 PM	1819.8
23	Feb 04, 2013 02:52:15 PM	1818.6
24	Feb 04, 2013 02:53:15 PM	1817
25	Feb 04, 2013 02:54:15 PM	1816
26	Feb 04, 2013 02:55:15 PM	1814.6
27	Feb 04, 2013 02:56:15 PM	1813.4
28	Feb 04, 2013 02:57:15 PM	1812.2
29	Feb 04, 2013 02:58:15 PM	1811
30	Feb 04, 2013 02:59:15 PM	1809.6
31	Feb 04, 2013 03:00:15 PM	1808.4

End of Report



# Monument Butte Fed. 6-34-8-16

Spud Date: 2/28/1995  
Put on Production: 4/09/1995

GL: 5632' KB: 5646'

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
DEPTH LANDED: 310'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 165 sxs Class "G" cement.

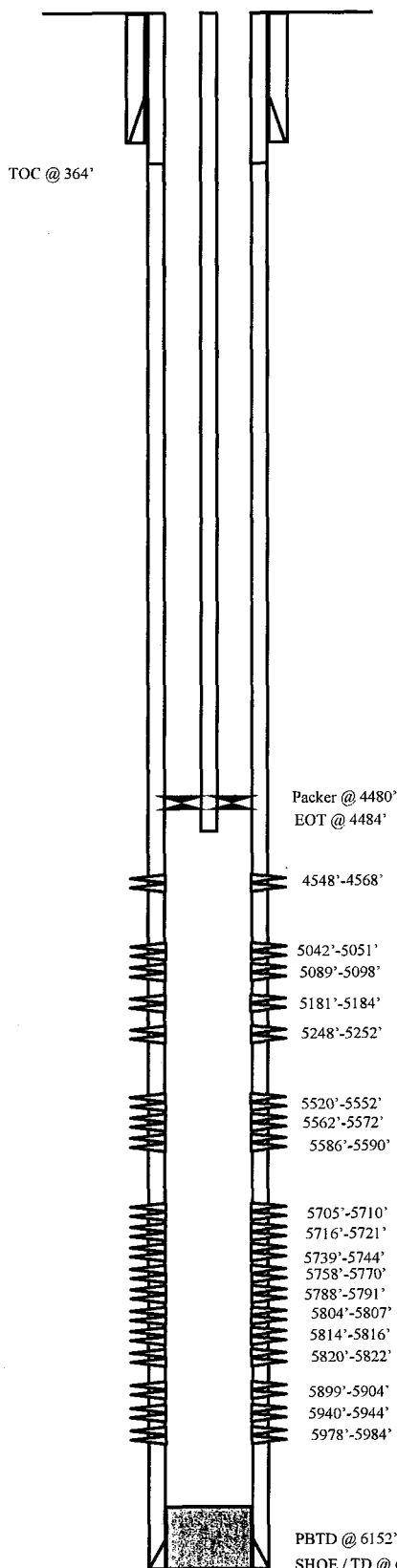
## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
DEPTH LANDED: 6207.42'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 383 sxs Hilift & 307 sxs 10-0 RFC.  
CEMENT TOP AT: 364'

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 136 jts (4461.9')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4475.9' KB  
CE @ 4482.28'  
TOTAL STRING LENGTH: EOT @ 4484' w/ 14' KB

## Injection Wellbore Diagram



## FRAC JOB

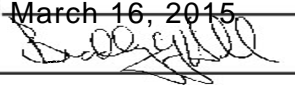
4/06/95	5520'-5552'	<b>Frac A3 sand as follows:</b> 97,570# 20/40 sand in 692 bbls Viking I-35 fluid. Treated @ avg press of 2270 psi w/avg rate of 31.5 BPM. ISIP 2380 psi. Calc. flush: 5520 gal. Actual flush: 1260 gal.
6/07/95	5042'-5098'	<b>Frac D sands as follows:</b> 77,000# 16/30 sand in 673 bbls KCl frac fluid. Treated @ avg press of 2250 psi w/avg rate of 32 BPM. ISIP 2482 psi. Calc. flush: 5042 gal. Actual flush: 4998 gal.
7/10/01	4548'-4568'	<b>Frac GB-6 sand as follows:</b> 100,120# 20/40 sand in 647 bbls Viking I-25 fluid. Treated @ avg press of 2050 psi w/avg rate of 30 BPM. ISIP 2360 psi. Calc. flush: 4548 gal. Actual flush: 4452 gal.
6/10/03	5899'-5984'	<b>Frac CP sand as follows:</b> 79,030# 20/40 sand in 630 bbls Viking I-25 fluid. Treated @ avg press of 4000 psi w/avg rate of 16 BPM. ISIP 1885 psi. Calc. flush: 1502 gal. Actual flush: 1386 gal.
6/11/03	5705'-5822'	<b>Frac LODC sand as follows:</b> 117,747# 20/40 sand in 900 bbls Viking I-25 fluid. Treated @ avg press of 4400 psi w/avg rate of 17.3 BPM. ISIP 2390 psi. Calc. flush: 1491 gal. Actual flush: 1386 gal.
6/12/03	5520'- 5590'	<b>Frac Existing A and LoDC sand as follows:</b> 100,632# 20/40 sand in 213 bbls of Viking I-25 pad, and 518 bbls Viking I-25 fluid. Treated @ 4100 avg press of psi w/avg rate of 17.3 BPM. ISIP 2400 psi. Calc. flush: 1430 gal. Actual flush: 1302 gal.
6/12/03	5181'-5252'	<b>Frac B and C sand as follows:</b> 38,341# 20/40 sand in 198 bbls Viking I-25 fluid. Treated @ avg press of 2750 psi w/avg rate of 17.6 BPM. ISIP 1700 psi. Calc. flush: 1323 gal. Actual flush: 1176 gal.
2/17/04		<b>Tubing Leak.</b> Update rod and tubing detail.
4/10/10		<b>Convert to Injection well</b>
4/14/10		<b>MIT Completed</b> —tbg detail updated

## PERFORATION RECORD

4/06/95	5520'-5552'	4 JSPF	128 holes
6/06/95	5089'-5098'	4 JSPF	36 holes
6/06/95	5042'-5051'	4 JSPF	36 holes
7/10/01	4548'-4568'	4 JSPF	80 holes
6/10/03	5978'-5984'	4 JSPF	24 holes
6/10/03	5940'-5944'	4 JSPF	16 holes
6/10/03	5899'-5904'	4 JSPF	20 holes
6/11/03	5820'-5822'	4 JSPF	8 holes
6/11/03	5814'-5816'	4 JSPF	8 holes
6/11/03	5804'-5807'	4 JSPF	12 holes
6/11/03	5788'-5791'	4 JSPF	12 holes
6/11/03	5758'-5770'	4 JSPF	48 holes
6/11/03	5739'-5744'	4 JSPF	20 holes
6/11/03	5716'-5721'	4 JSPF	20 holes
6/11/03	5705'-5710'	4 JSPF	20 holes
6/11/03	5586'-5590'	4 JSPF	16 holes
6/11/03	5562'-5572'	4 JSPF	10 holes
6/11/03	5248'-5252'	4 JSPF	16 holes
6/11/03	5181'-5184'	4 JSPF	12 holes

**NEWFIELD**

Monument Butte Fed. #6-34-8-16  
1980' FNL & 1980' FWL  
SE/NW Section 34-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31504; Lease #U-62848

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-62848
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> MONUMENT BUTTE FED 6-34
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1980 FNL 1980 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 34 Township: 08.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43013315040000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/12/2015 <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> APD EXTENSION OTHER: 5 YR MIT	
<input type="checkbox"/> DRILLING REPORT Report Date:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> <p>On 03/11/2015 Richard Powell with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 03/12/2015 the casing was pressured up to 1359 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1828 psig during the test. There was not a State representative available to witness the test.</p> </div> <div style="width: 25%; text-align: right;"> <p><b>Accepted by the Utah Division of Oil, Gas and Mining</b></p> <p><b>Date:</b> March 16, 2015</p> <p><b>By:</b> </p> </div> </div>		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A		<b>DATE</b> 3/16/2015

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: \_\_\_\_\_ Date 3/12/15 Time 2:00 am ☒ pm

Test Conducted by: INAKI LASA

Others Present: \_\_\_\_\_

5 YEAR MIT - INJECTING

Well: MB 6-34-8-16  
SE/NW SEC. 34, T2S, R1E  
UTU-62848 UTU 87538X

Field: GREATER MONUMENT BUTTE

Well Location:

API No: 4301331504

Duchesne county, UTAH

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>11.8</u>	psig
5	<u>1,357.6</u>	psig
10	<u>1,358.6</u>	psig
15	<u>1,358.8</u>	psig
20	<u>1,359.2</u>	psig
25	<u>1,359.2</u>	psig
30 min	<u>1,358.8</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1,828 psig

Result: Pass Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Inaki Laso

MB 6 34 8 16 5 Year Mit

3/12/2015 1:58:07 PM

